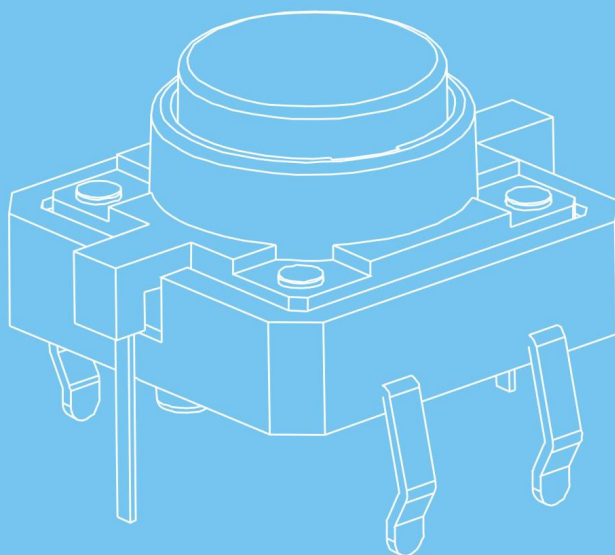


ILLUMINATED TACT SWITCH

帶燈開關系列



Symbol Type



Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

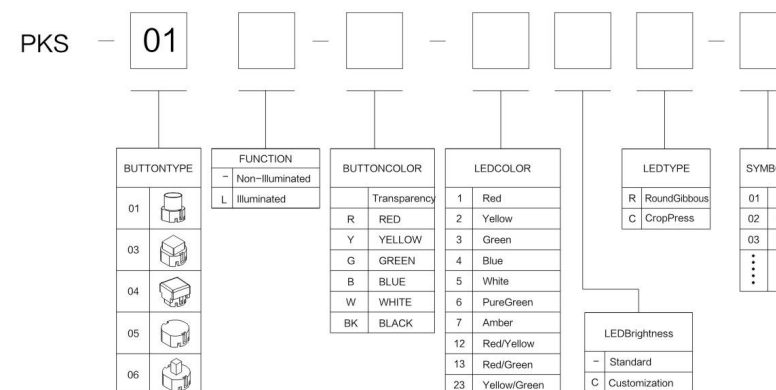
Switch Specifications

Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

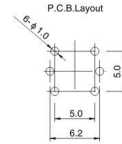
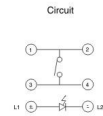
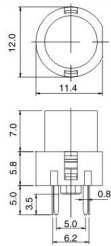
LED Specifications

SPECIFICATIONS	
Rating	35V DC 10mA
Insulation Resistance	100MΩ Min(DC 250V)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	50mΩ Max
Electrically Life	100,000/50,000cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	130 ± 60g/200 ± 80g
Travel	1.0mm

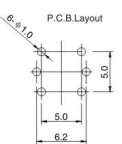
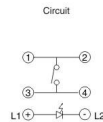
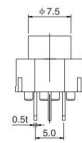
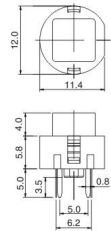
How To Order



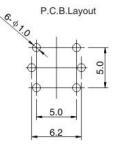
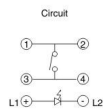
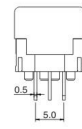
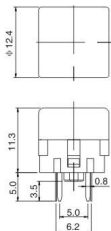
PKS-01L
(With LED)PKS-01L



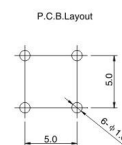
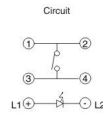
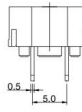
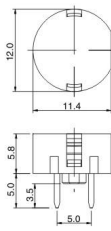
PKS-03L
(With LED)PKS-03



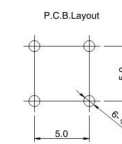
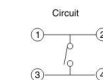
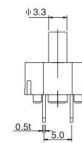
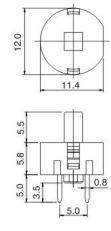
PKS-04L
(With LED)PKS-04



PKS-05



PKS-06



Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	160±50g / 250±80g
Travel	0.25±0.1 mm

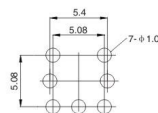
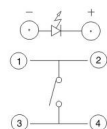
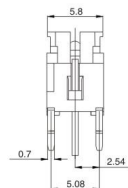
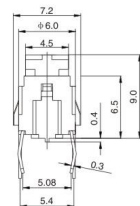
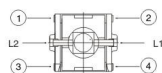
LED Specifications

Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

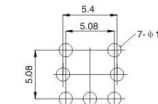
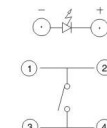
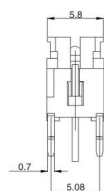
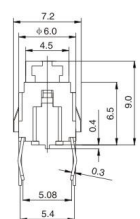
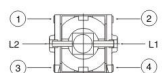
How To Order

TC01	—	—	—	—	—
BUTTON TYPE	FUNCTION	LED COLOR	LED Brightness	LED TYPE	
1 Square	Non-Illuminated	1 Red	- Standard	R	Round Gibbous
2 Round	- Standardtype	2 Yellow	C Customization	C	Crop Press
3 Bugle form	M SMTtype	3 Green			
	Illuminated	4 Blue			
	L Standardtype	5 White			
	ML SMT type	6 Pure Green			
		7 Amber			
		12 Red / Yellow			
		13 Red / Green			
		23 Yellow / Green			

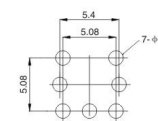
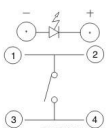
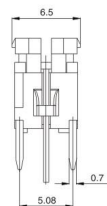
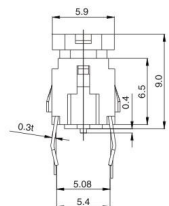
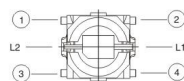
TC01-1L
(With LED) TC01-1



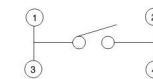
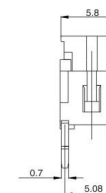
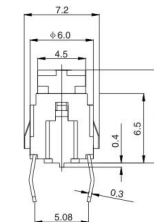
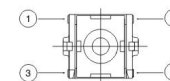
TC01-2L
(With LED) TC01-2



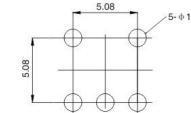
TC01-3L
(With LED) TC01-3



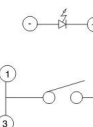
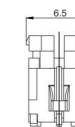
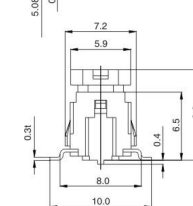
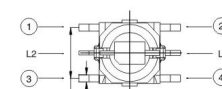
TC01-4



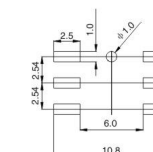
CIRCUIT



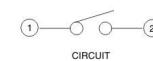
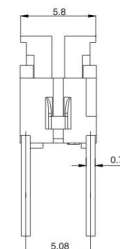
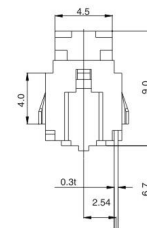
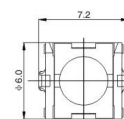
TC01-3ML
(With LED) TC01-3M



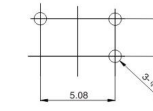
CIRCUIT



TC01-1G



CIRCUIT





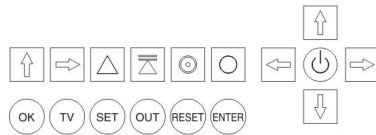
Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 cycles
Operating Temperature Range	-20℃~+70℃
Operating Force	160±50g/250±50g
Travel	0.25±0.1mm

Symbol Type



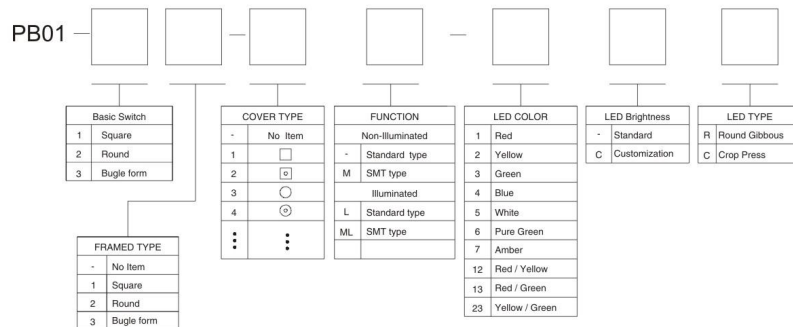
Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

LED Specifications

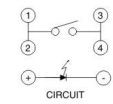
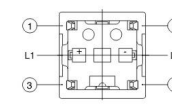
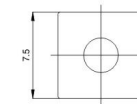
Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

How To Order

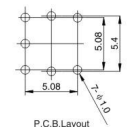
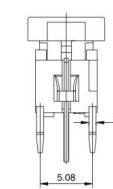
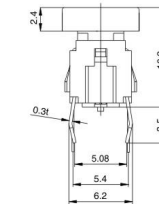


COVER TYPE							
FRAMED TYPE							
BASIC SWITCHES							

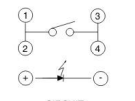
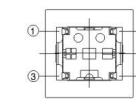
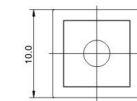
TB01-102L (With LED) PB01-102



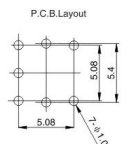
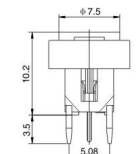
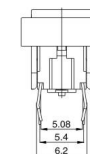
TB01-101L (With LED) PB01-101



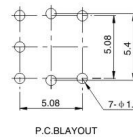
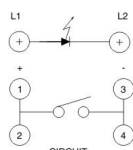
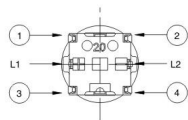
TB01-112L (With LED) PB01-112



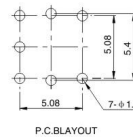
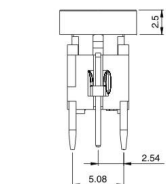
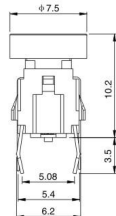
TB01-111L (With LED) PB01-111



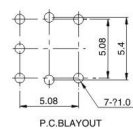
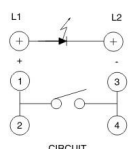
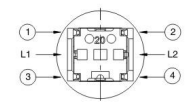
TB01-204L
(With LED) PB01-204



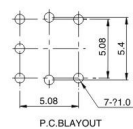
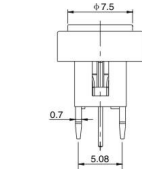
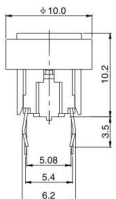
PB01-203L
(With LED) PB01-203



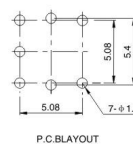
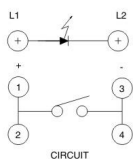
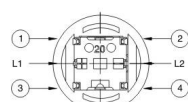
TB01-224L
(With LED) PB01-224



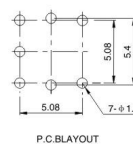
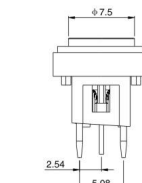
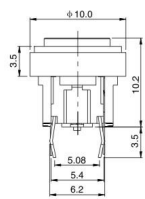
PB01-223L
(With LED) PB01-223



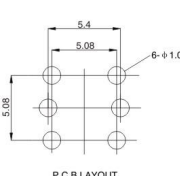
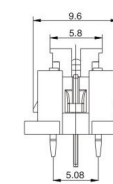
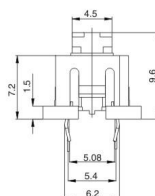
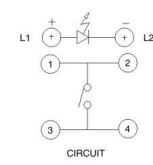
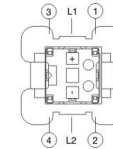
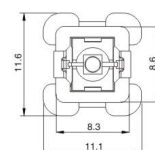
PB01-254L
(With LED) PB01-254



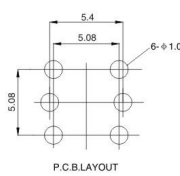
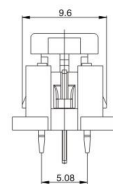
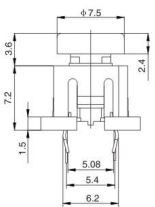
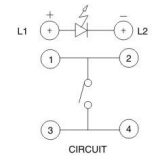
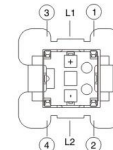
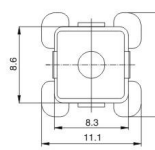
PB01-253L
(With LED) PB01-253



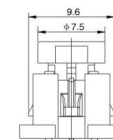
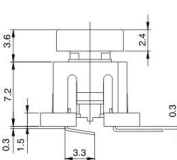
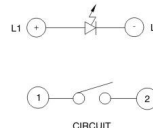
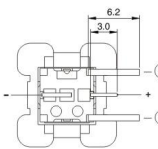
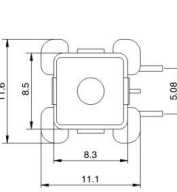
PB01-142L
(With LED) PB01-142



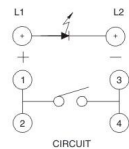
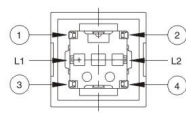
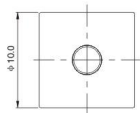
PB01-141L
(With LED) PB01-141



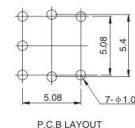
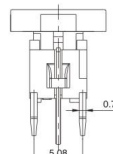
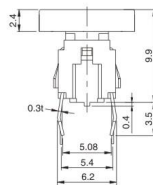
PB01-142RL
(With LED) PB01-142R



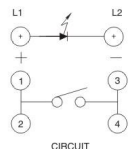
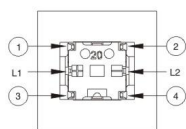
PB01-1013L
(With LED) PB01-1013



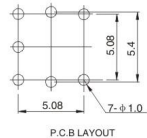
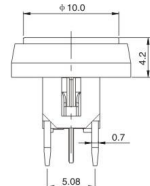
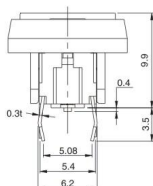
PB01-108L
(With LED) PB01-108



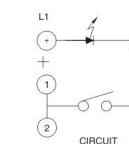
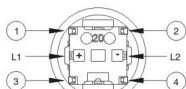
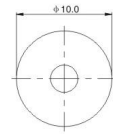
PB01-1713L
(With LED) PB01-1713



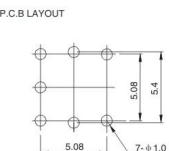
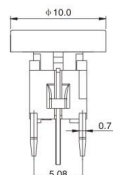
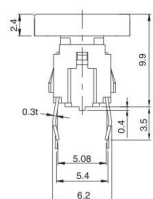
PB01-178L
(With LED) PB01-178



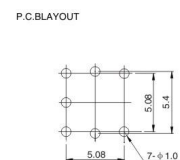
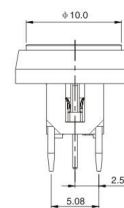
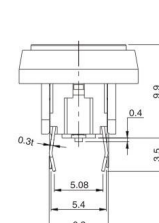
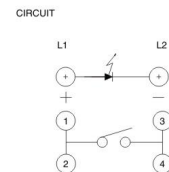
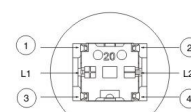
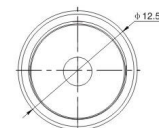
PB01-1014L
(With LED) PB01-1014



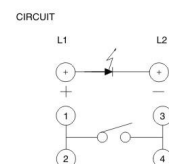
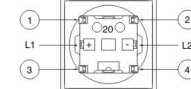
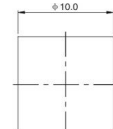
PB01-1010L
(With LED) PB01-1010



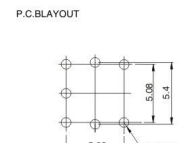
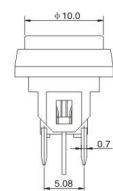
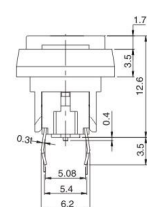
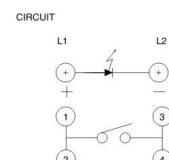
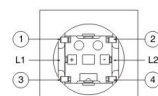
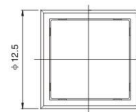
PB01-1810L
(With LED) PB01-1810



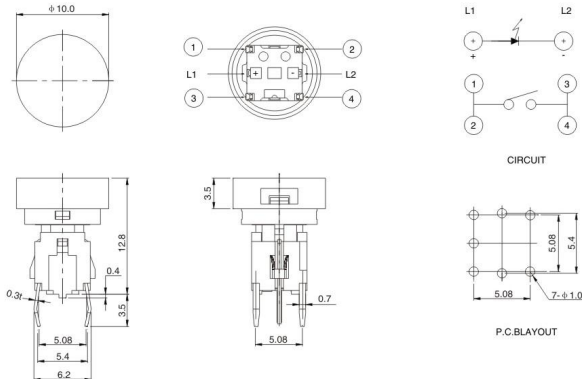
PB01-3011L
(With LED) PB01-3011



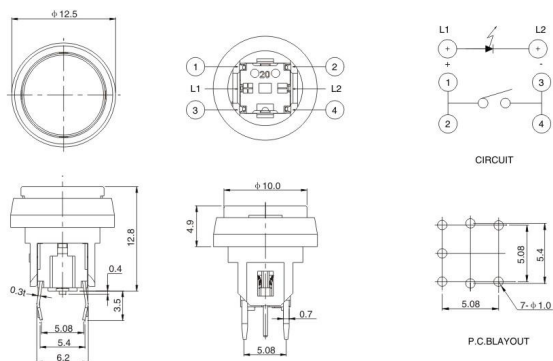
PB01-3311L
(With LED) PB01-3311



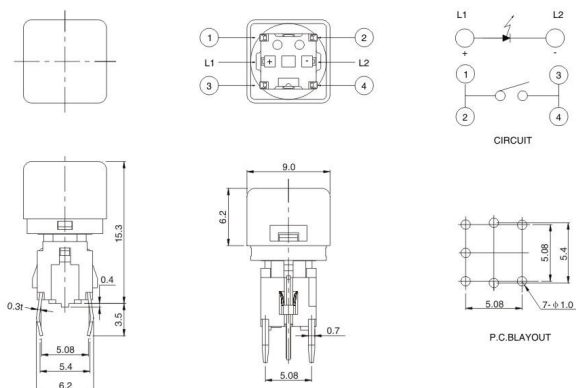
PB01-3012L
(With LED) PB01-3012



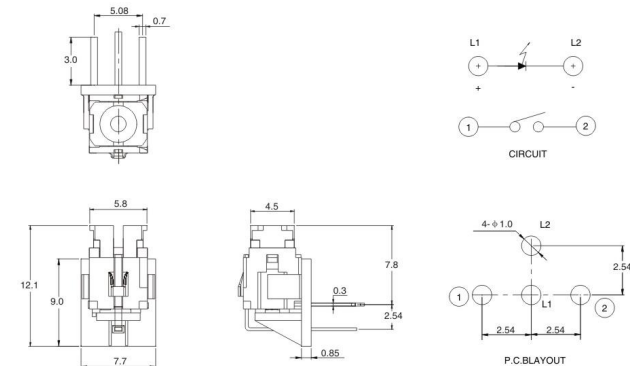
PB01-3612L
(With LED) PB01-3612



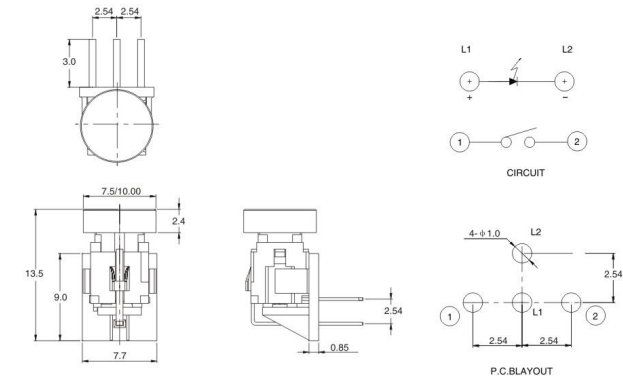
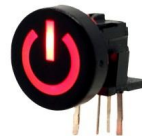
PB01-305L
(With LED) PB01-305



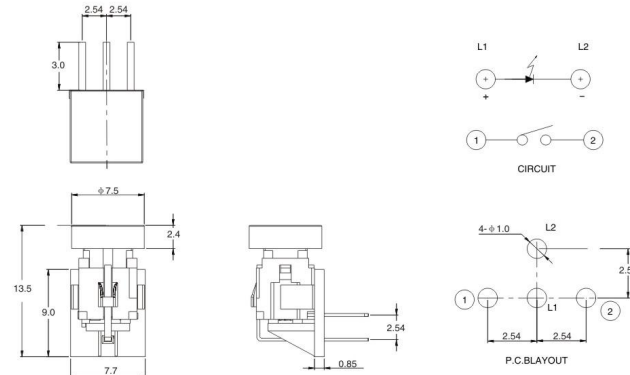
PB01-2RL
(With LED) PB01-2R
專利產品(側按結構)



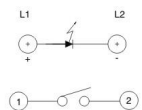
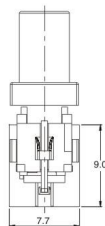
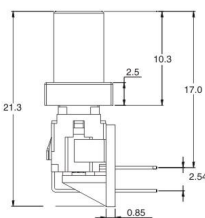
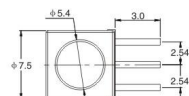
PB01-203RL
(With LED) PB01-203R



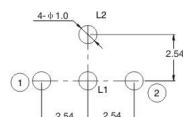
PB01-101RL
(With LED) PB01-101R



PB01-107RL
(With LED) PB01-107R

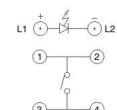
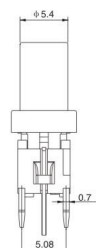
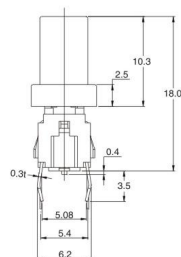


CIRCUIT

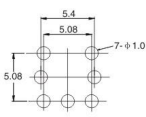


P.C.B. LAYOUT

PB01-107L
(With LED) PB01-17

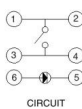
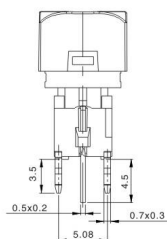
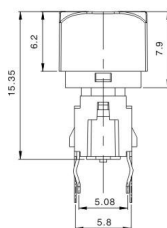
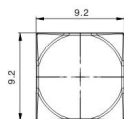


CIRCUIT

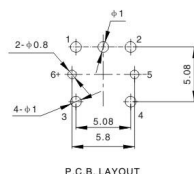


P.C.B. LAYOUT

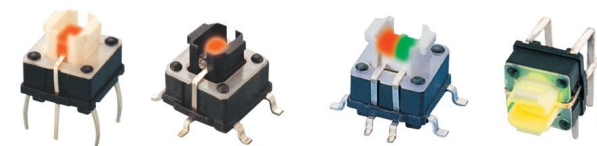
PB01-352L
(With LED)



CIRCUIT



P.C.B. LAYOUT



Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000/50,000 cycles
Operating Temperature Range	-20°C ~ +70°C
Operating Force	160±50g / 250±80g
Travel	0.25±0.1 mm

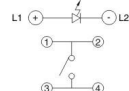
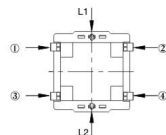
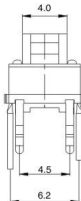
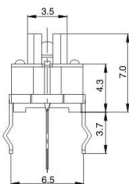
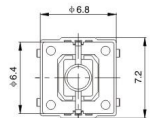
LED Specifications

Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

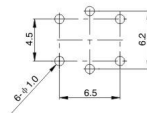
How To Order

TC02									
BUTTON TYPE		FUNCTION		LEDCOLOR		LEDBrightness		LEDTYPE	
1		Non-Illuminated		1	Red	-	Standard	R	RoundGibbous
2		DIType		2	Yellow	C	Customization	C	CropPress
3		SMType		3	Green				
4		RightAngle		4	Blue				
		Illuminated		5	White				
		DIType		6	PureGreen				
		SMType		7	Amber				
		RightAngle		12	Red/Yellow				
				13	Red/Green				
				23	Yellow/Green				

TC02-1L
(With LED) TC02-1

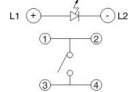
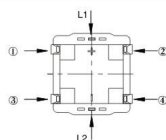
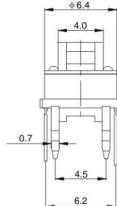
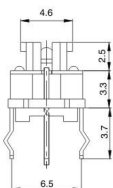
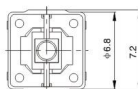


CIRCUIT

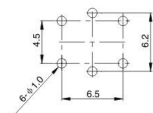


P.C. BLAYOUT

TC02-2L
(With LED) TC02-2

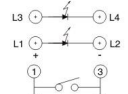
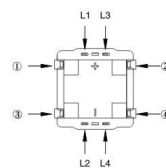
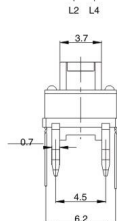
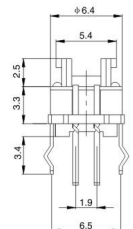
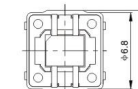


CIRCUIT

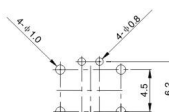


P.C. BLAYOUT

TC02-4L
(With LED) TC02-4

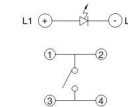
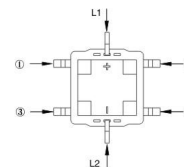
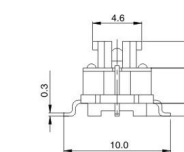
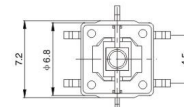


CIRCUIT

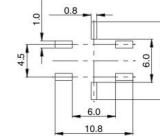


P.C. BLAYOUT

TC02-2ML
(With LED) TC02-2M

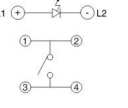
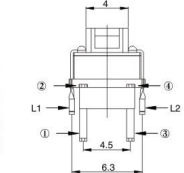
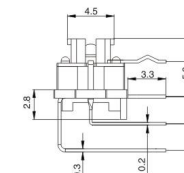
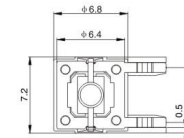


CIRCUIT

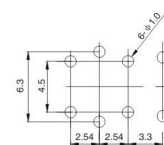


P.C. BLAYOUT

TC02-2RL
(With LED) TC02-2R

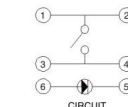
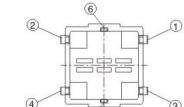
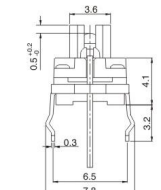
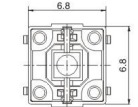


CIRCUIT

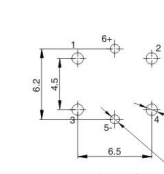


P.C. BLAYOUT

TS5-00-00X-7.2
(With LED) IP67



CIRCUIT



P.C. BLAYOUT



Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

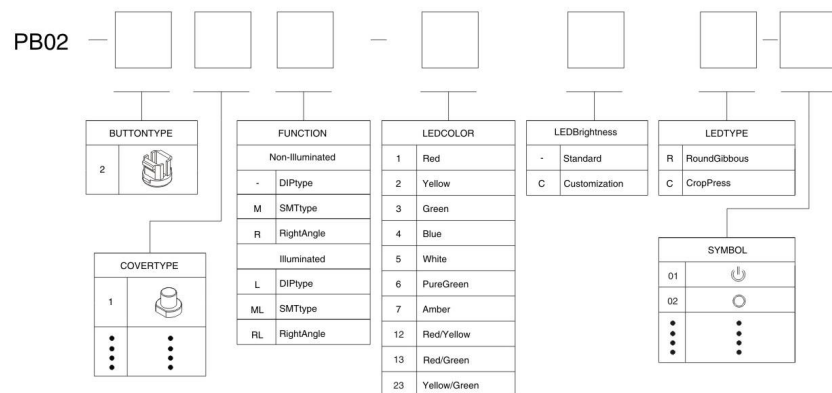
Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MQ Min(250V DC)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000/50,000 cycles
Operating Temperature Range	-20℃ ~+70℃
Operating Force	160±50g/250±80g
Travel	0.25±0.1mm

LED Specifications

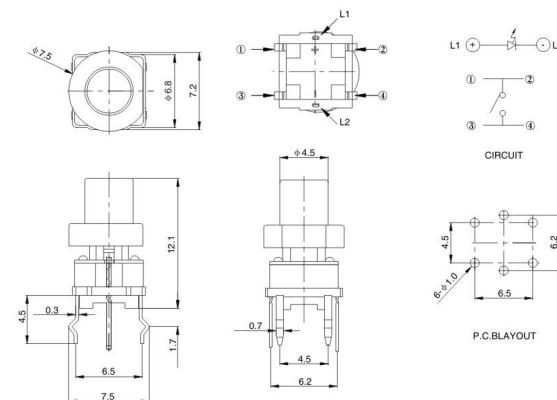
Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

How To Order

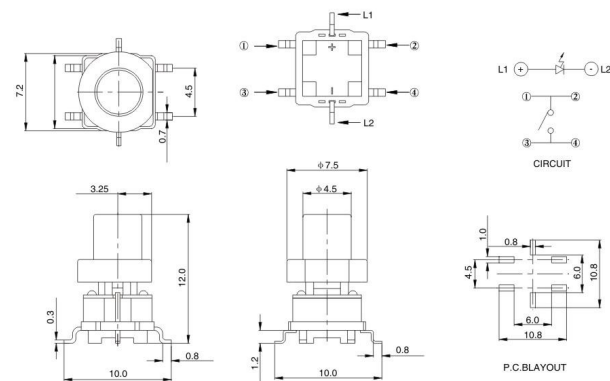


帶燈開關 · ILLUMINATED TACT SWITCH SERIES

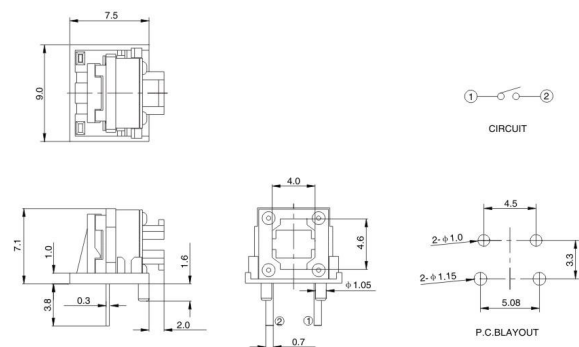
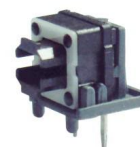
PB02-211L
(With LED) PB02-211



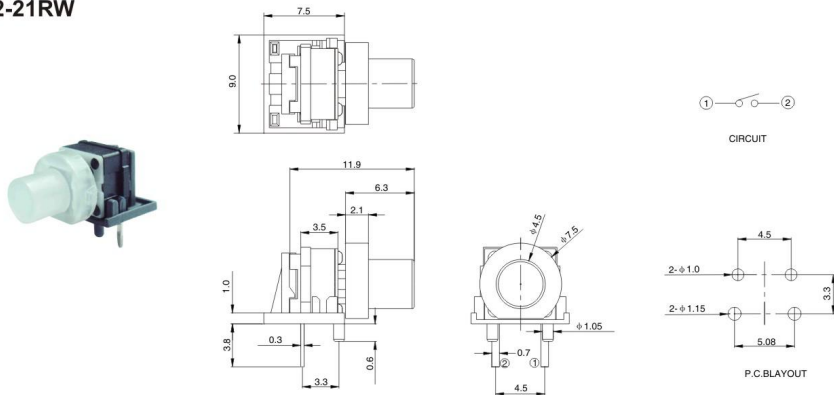
PB02-211ML
(With LED) PB02-211M



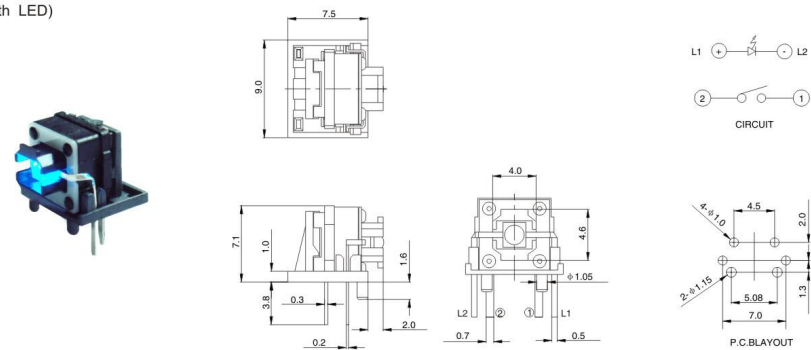
PB02-2RW
(側按結構)



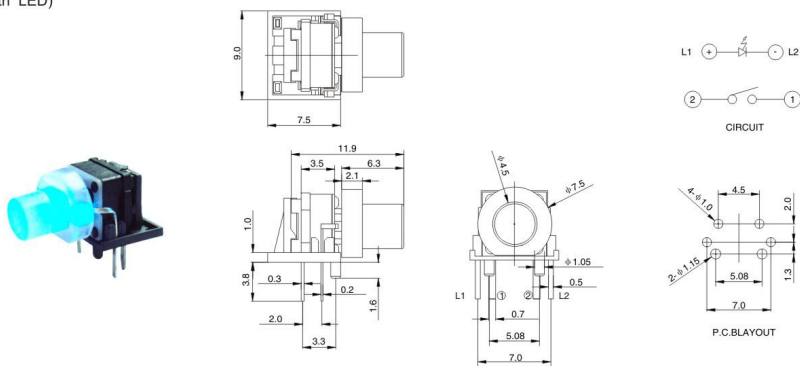
PB02-21RW



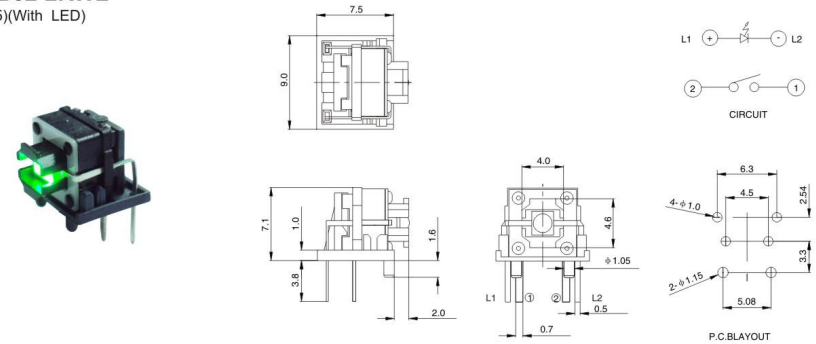
PB02-2RWL
(25)(With LED)



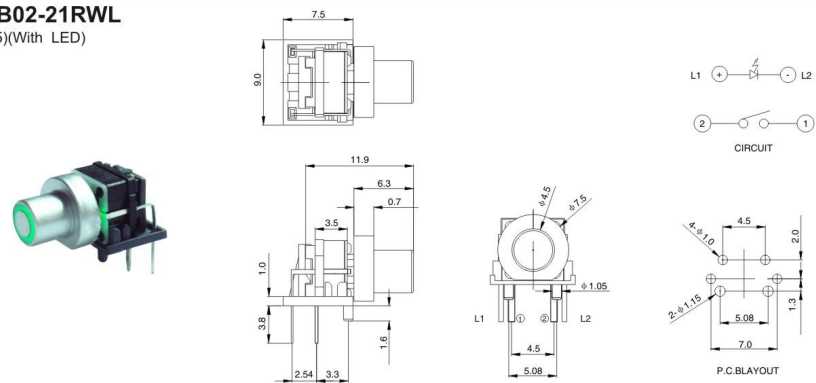
PB02-21RWL
(25)(With LED)



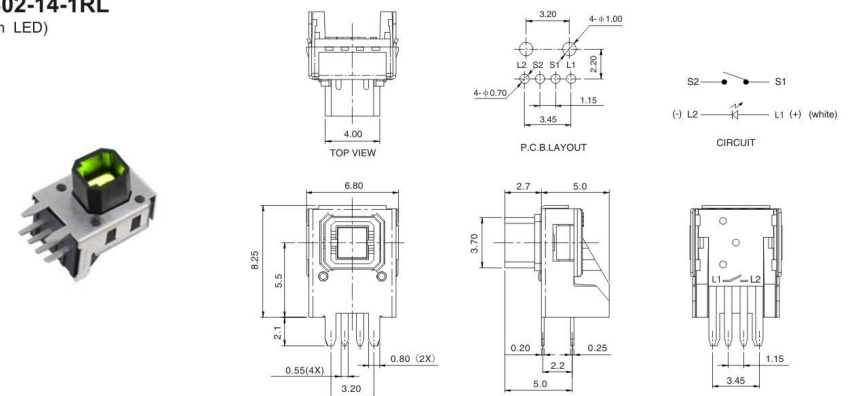
PB02-2RWL
(45)(With LED)

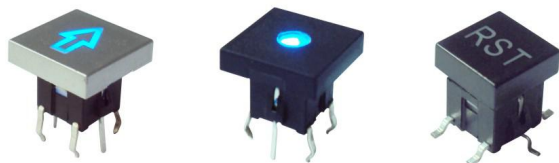


PB02-21RWL
(45)(With LED)



PB02-14-1RL
(With LED)





Applications

- Consumer Products
- Instrumentation
- Computer Products
- Communication Equipments

Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

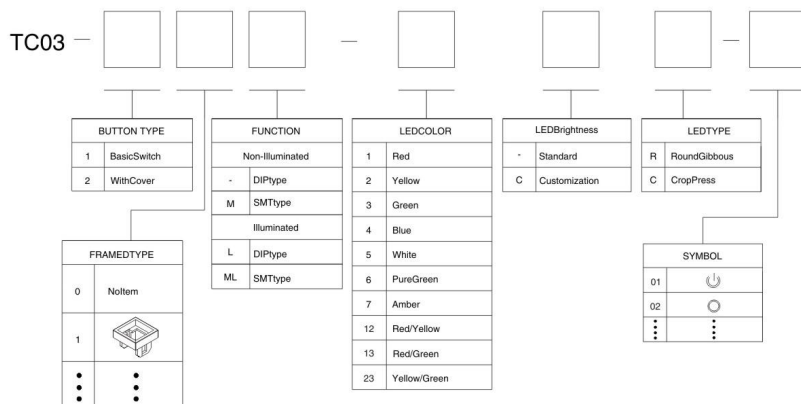
Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MQ Min(250V DC)
Dielectric Strength	250V AC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	160±50g/250±80g
Travel	0.25±0.1mm

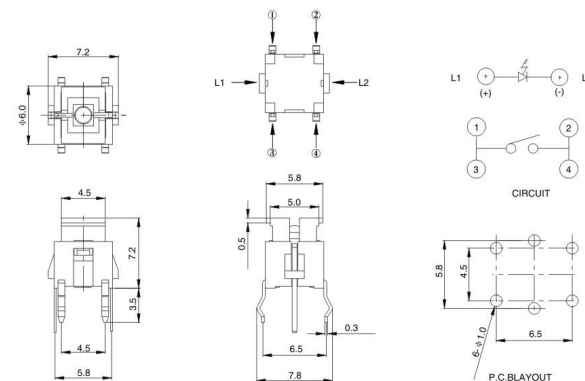
LED Specifications

Color	VR	IF	Recommended Operating Current	VF	
				Nom.	Max.
Red	DC5V	20mA	20mA	2.0V	2.4V
Yellow	DC5V	20mA	20mA	2.3V	2.5V
Green	DC5V	20mA	20mA	2.4V	2.7V
Blue	DC5V	20mA	20mA	3.3V	3.6V
White	DC5V	20mA	20mA	3.0V	3.6V
Full Green	DC5V	20mA	20mA	3.0V	3.6V
Amber	DC5V	20mA	20mA	2.3V	2.5V

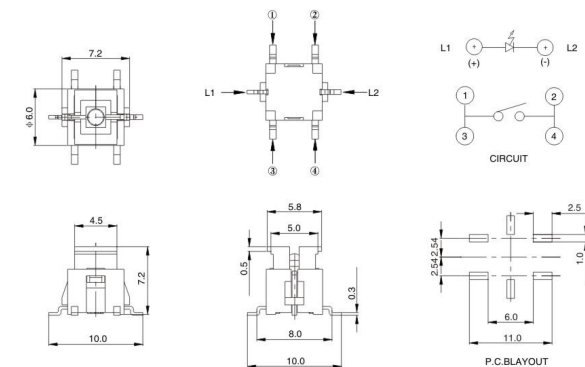
How To Order



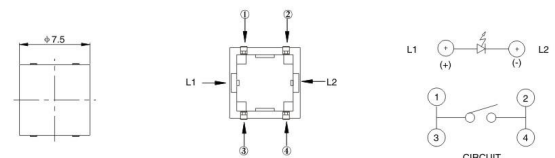
TC03-1L (With LED) TC03-1



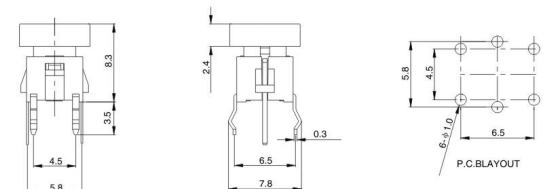
TC03-1ML (With LED) TC03-1M



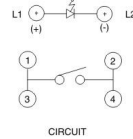
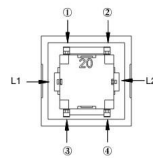
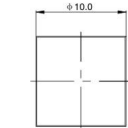
PB03-101L (With LED) PB03-101



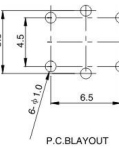
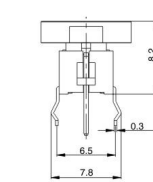
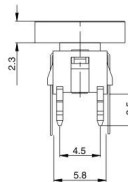
PB03-102L (With LED) PB03-102



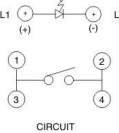
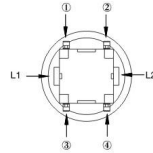
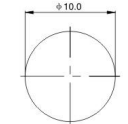
PB03-108L
(With LED) PB03-108



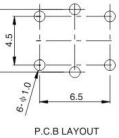
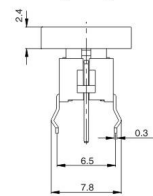
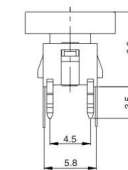
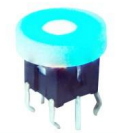
PB03-1013L
(With LED) PB03-1013



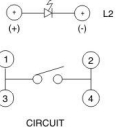
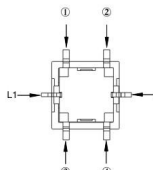
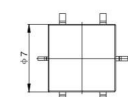
PB03-1010L
(With LED) PB03-1010



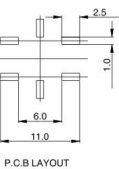
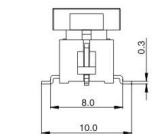
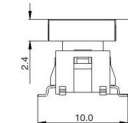
PB03-1014L
(With LED) PB03-1014



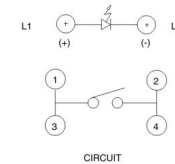
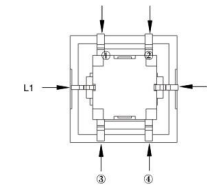
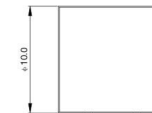
PB03-101ML
(With LED) PB03-101M



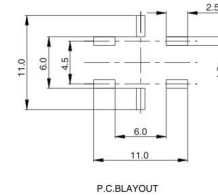
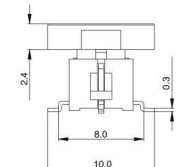
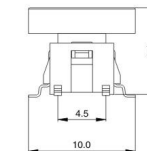
PB03-102ML
(With LED) PB03-102M



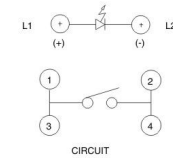
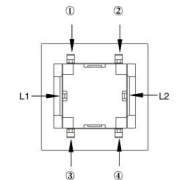
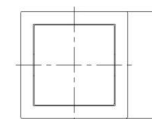
PB03-108M
PB03-108ML



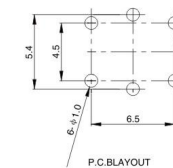
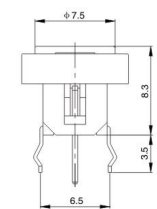
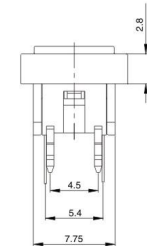
PB03-1013M
PB03-1013ML



PB03-111
PB03-111L



PB03-112
PB03-112L





Applications

- Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus,
- measuring instruments, TV sets, VCRs, etc.

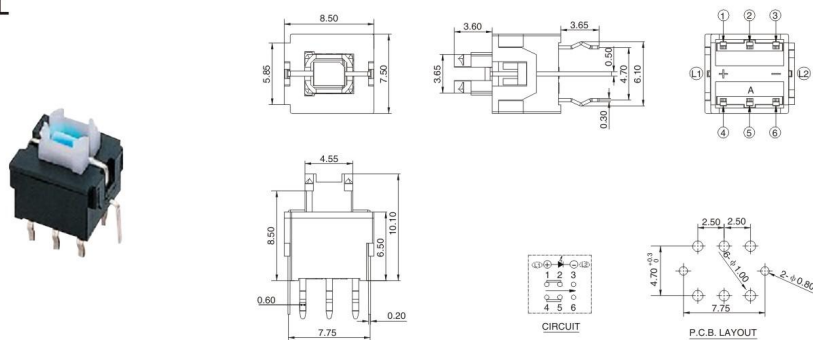
Features

- LED Illuminated, Two color available Long life.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

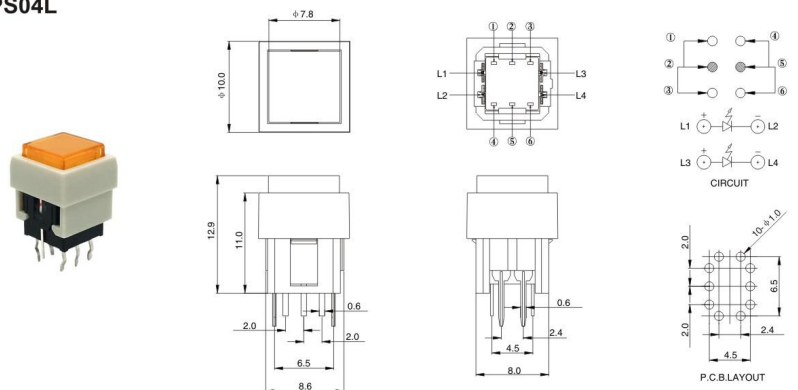
Switch Specifications

SPECIFICATIONS	
Rating	30V DC 10mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250VAC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 Cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	250±100gf
Travel	full: 1.5±0.2mm lock: 0.5±0.2mm

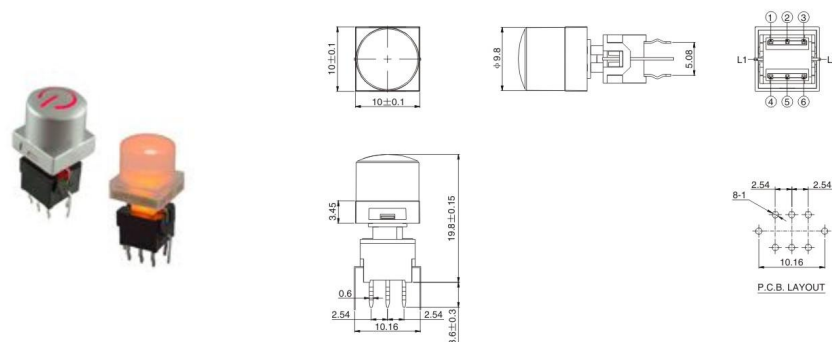
PB08L



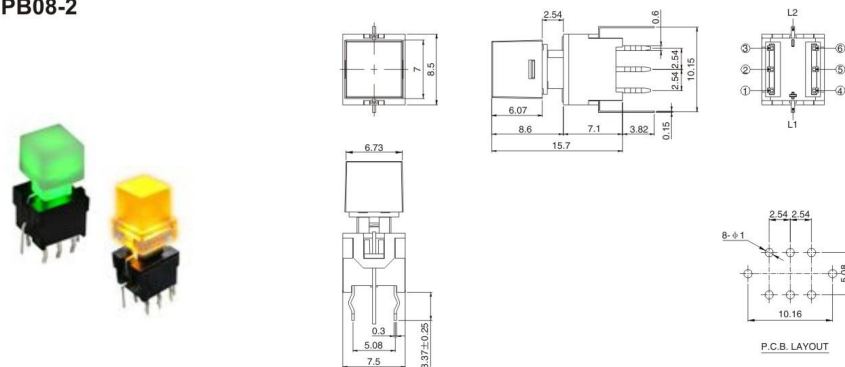
PB01-PS04L



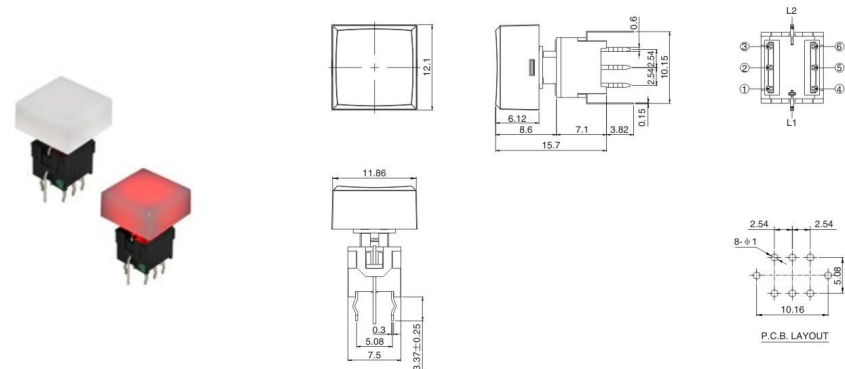
PB08-1



PB08-2



PB08-3





Features

- Snap-in type , can be mounted directly on P.C. Board.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

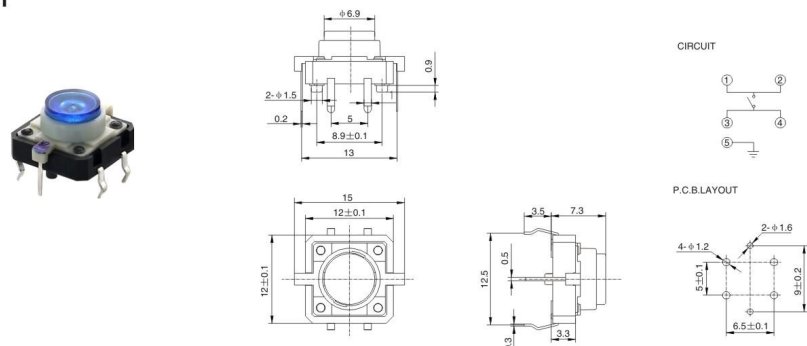
Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250VAC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 Cycles
Operating Temperature Range	-20℃~+70℃
Operating Force	160g, 260g
Travel	0.35±0.1mm

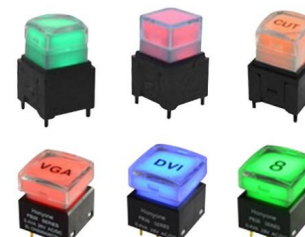
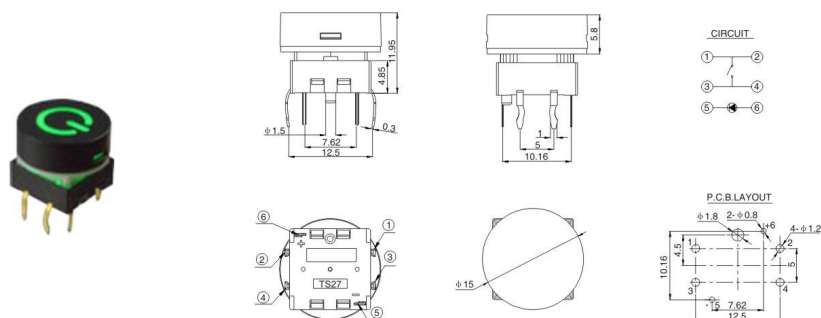
Applications

- Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus, measuring instruments, TV sets, VCRs, etc.

PB12-1



PB12-2



Features

- Snap-in type , can be mounted directly on P.C. Board.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

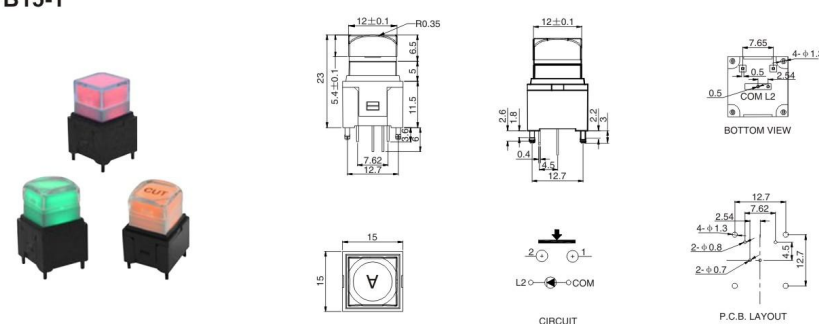
Switch Specifications

SPECIFICATIONS	
Rating	12V DC 100mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250VAC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 Cycles
Operating Temperature Range	-20℃~+70℃
Operating Force	250±100gf
Travel	4.50±0.2mm

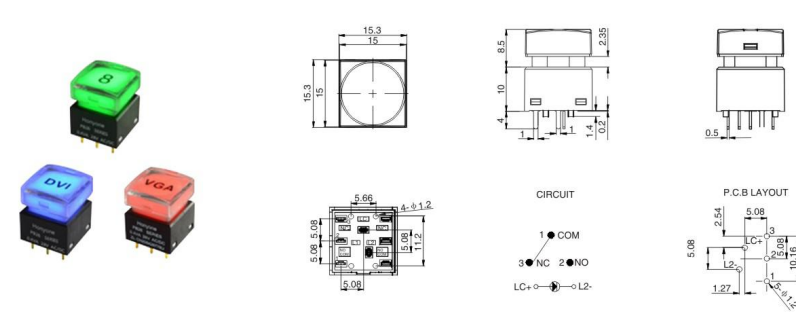
Applications

- Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus, measuring instruments, TV sets, VCRs, etc.

PB15-1



PB15-2





Features

- Snap-in type, can be mounted directly on P.C. Board.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

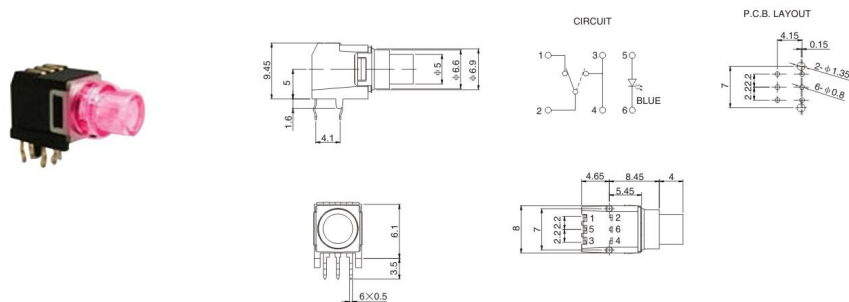
Switch Specifications

SPECIFICATIONS	
Rating	12V DC 50mA
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250VAC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 Cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	450±100gf
Travel	1.2±0.25mm

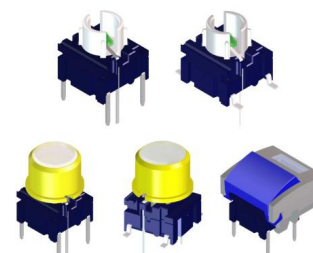
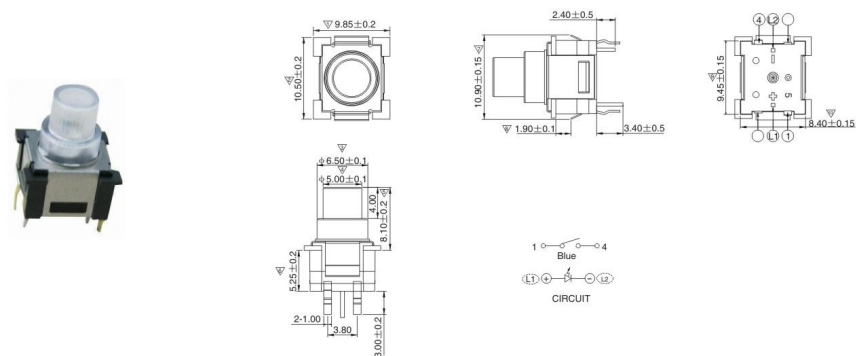
Applications

- Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus, measuring instruments, TV sets, VCRs, etc.

PB21



PB21A



Features

- Snap-in type, can be mounted directly on P.C. Board.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.

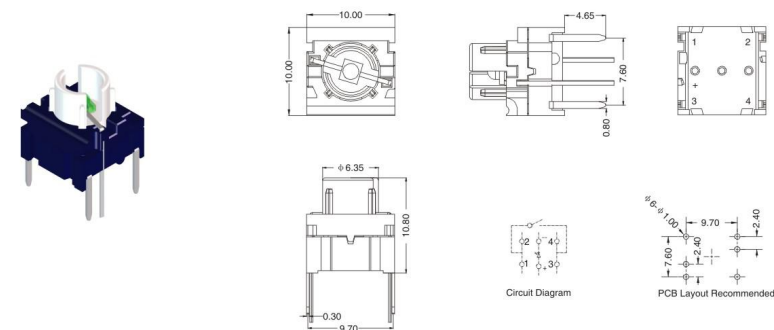
Switch Specifications

SPECIFICATIONS	
Rating	30V 0.1A
Insulation Resistance	100MΩ Min(250V DC)
Dielectric Strength	250VAC 50/60Hz for 1min
Contact Resistance	100mΩ Max
Electrically Life	100,000 Cycles
Operating Temperature Range	-20°C~+70°C
Operating Force	300±100gf
Travel	0.6±0.3mm

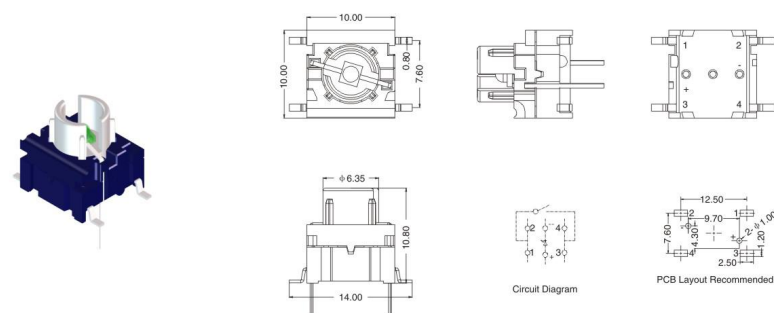
Applications

- Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus, measuring instruments, TV sets, VCRs, etc.

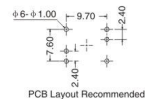
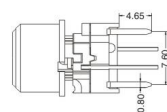
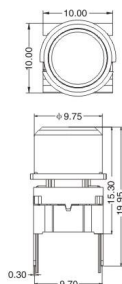
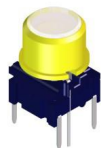
PB10



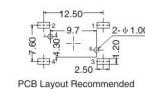
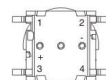
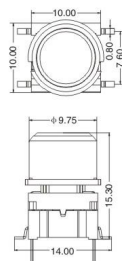
PB10S



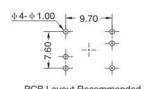
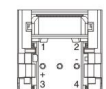
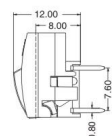
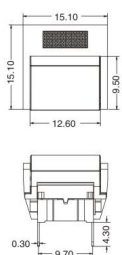
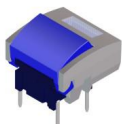
PB10-1



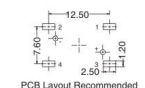
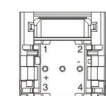
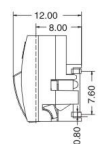
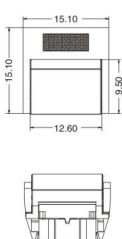
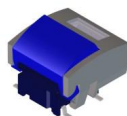
PB10S-1



PB10-L

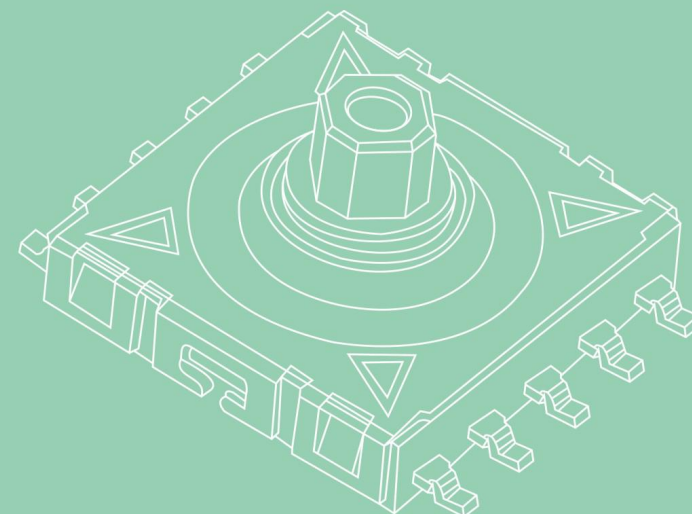


PB10S-L



MULTI-DIRECTIONAL SWITCH SERIES

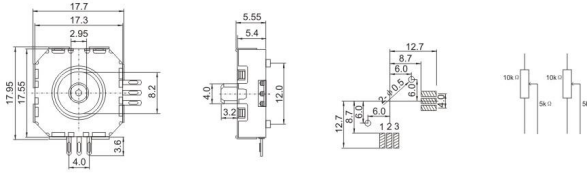
多功能開關系列



TM-1085



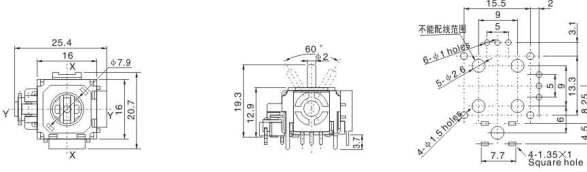
1. Total Resistance: 5KΩ~100KΩ
2. Rated Power: Tape B: 0.0125W
3. Insulation Resistance: More than 100MΩ at DC 250V
4. Travel of the Slide Bar: 2mm
5. Operating Force of Slide Bar: 120±50gf
6. Operating Life: 500,000 Cycles Min
7. Temperature Range: -10℃~+70℃



TM-1224



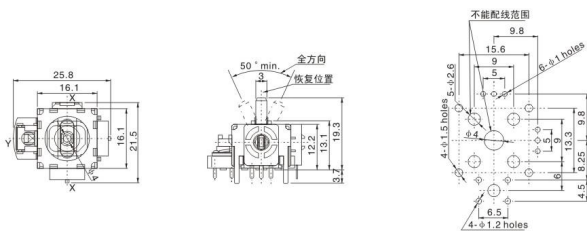
1. Total Resistance: 5KΩ~100KΩ
2. Rated Power: Tape B: 0.0125W
3. Insulation Resistance: More than 100MΩ at DC 250V
4. Travel of the Slide Bar: 60° ±6°
5. Operating Force of Slide Bar: 160±40gf
6. Operating Life: 2000,000 Cycles Min
7. Temperature Range: -10℃~+70℃



TM-1224A



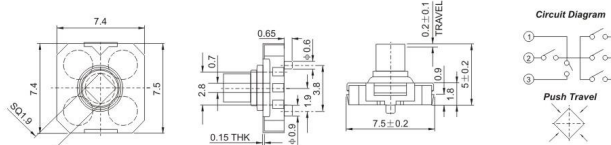
1. Total Resistance: 5KΩ~100KΩ
2. Rated Power: Tape B: 0.0125W
3. Insulation Resistance: More than 100MΩ at DC 250V
4. Travel of the Slide Bar: 60° ±6°
5. Operating Force of Slide Bar: 160±40gf
6. Operating Life: 2000,000 Cycles Min
7. Temperature Range: -10℃~+70℃



TM-4175



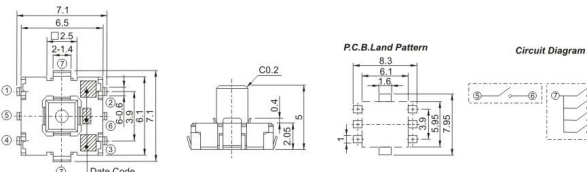
1. Rating: DC12V, 50mA Max.
2. Operating Spec.
 - 1) Center Push
 - a) Operating Force: 260±70gf
 - b) Stroke: 0.15±0.1mm
 - 2) 4-Way Direction
 - a) Operating Force: 160±50gf
 - b) Stroke: 0.2±0.1mm
3. Life Cycles: 50,000 Cycles



TM-4173



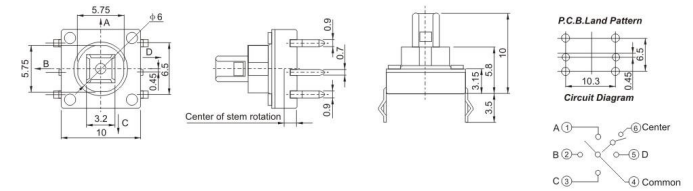
1. Rating: DC12V, 50mA Max.
2. Contact Resistance: 500mΩ Max.
3. Operating Spec.
 - 1) Center Push
 - a) Operating Force: 260±70gf
 - b) Stroke: 0.15±0.1mm
 - 2) 4-Way Direction
 - a) Operating Force: 160±50gf
 - b) Stroke: 0.2±0.1mm
4. Life Cycles: 50,000 Cycles



TM-1603



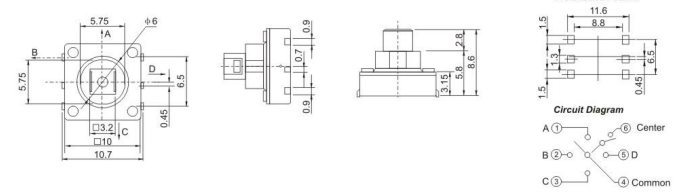
1. Rating: DC12V, 50mA Max.
2. Contact Resistance: 500mΩ Max.
3. Operating Spec.
 - 1) Center Push
 - a) Operating Force: 260±70gf
 - b) Stroke: 0.2±0.1mm
 - 2) 4-Way Direction
 - a) Operating Force: 160±50gf
 - b) Stroke: 0.4±0.1mm
4. Life Cycles: 50,000 Cycles



TM-1603B



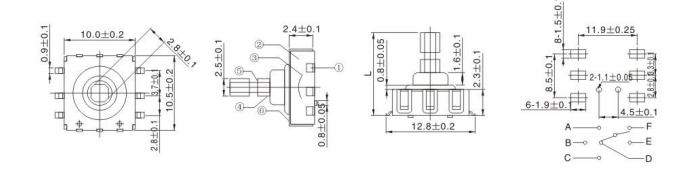
1. Rating: DC12V, 50mA Max.
2. Contact Resistance: 500mΩ Max.
3. Operating Spec.
 - 1) Center Push
 - a) Operating Force: 260±70gf
 - b) Stroke: 0.2±0.1mm
 - 2) 4-Way Direction
 - a) Operating Force: 160±50gf
 - b) Stroke: 0.4±0.1mm
4. Life Cycles: 50,000 Cycles



TM-1604B



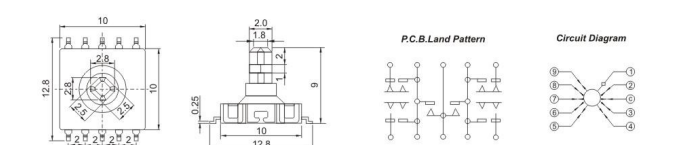
1. Operating force
 - 4-Directional: 180gf
 - Center push: 320gf
2. Travel
 - 4-Directional: 0.25mm
 - Center push: 0.15mm
3. Rating: 50mA 12V DC
4. Lifetime: 50,000 cycles
5. Initial contact resistance: 500mΩ max
6. With or Without guide bosses



TM-1604A



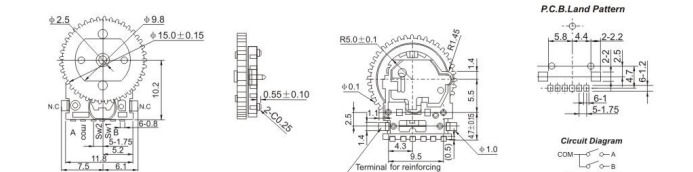
1. Operating force
 - 4-Directional: 180gf
 - Center push: 320gf
2. Travel
 - 4-Directional: 0.25mm
 - Center push: 0.15mm
3. Rating: 50mA 12V DC
4. Lifetime: 50,000 cycles
5. Initial contact resistance: 500mΩ max
6. With or Without guide bosses



TM-1511



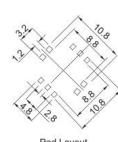
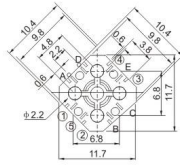
1. Rating: 1mA 10V DC
2. Travel: 0.3mm
3. Rating Encoder: Push on
4. Detent(pulse)/Travel: 15 pulses 0.3mm
5. Contact Resistance: <10 mΩ max 100mΩ max.
6. Operating Force: 1mN ~ m to 10mN ~ m 500gf
7. Operating Life: 100,000 Cycles



TM-5206



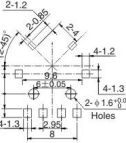
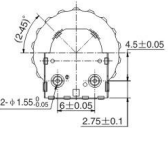
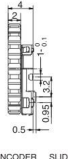
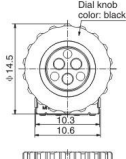
- Specifications
1. Contact rating: 20mA 12V DC
 2. Life Expectancy: 50,000 Actuations in Any Direction (X, Y, or Z)
 3. Contact Resistance: 500mΩ
 4. Insulation Resistance: 100MΩ
 5. Dielectric Strength: 100V AC for 1 Minute
 6. Operating Temperature: -25° to 70



TM-1023



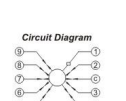
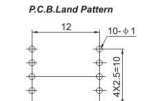
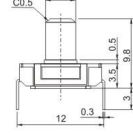
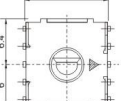
1. Ratings (max.) (Resistive load): 10mA 5V DC (max. 0.1A 15V DC)
2. Contact resistance: 1Ω or less
 3. Operating Force: 2~8N(Slide)
 4. Rotational Torque: 1~10mN · m(Rotary encoder)
 5. Operating Life: 50,000 cycles(Slide)



TM-1901



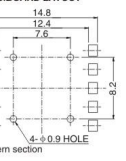
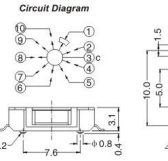
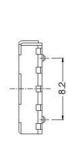
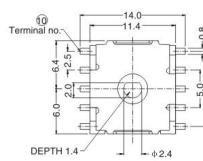
1. Rating: DC 16V 0.1A
2. Circuit & Position: 1C-9P
 3. Contact Resistance: 100mΩ Max.
 4. Life: 5,000 Cycles



TM-1901AS



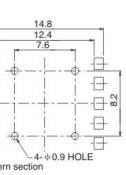
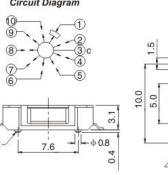
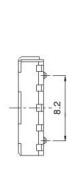
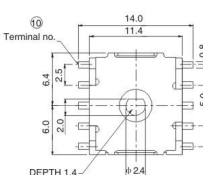
1. Rating: DC 16V 0.1A
2. Circuit & Position: 1C-9P
 3. Contact Resistance: 100mΩ Max.
 4. Life: 5,000 Cycles



TM-1901S



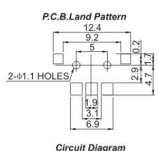
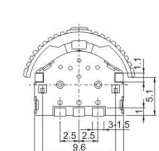
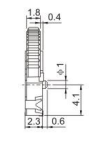
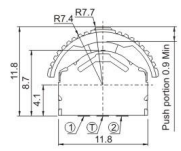
1. Rating: DC12V, 50mA Max.
2. Contact Resistance: 500mΩ Max.
 3. Operating Spec.
 - a) Center Push
 - i) Operating Force: 260±70gf
 - ii) Stroke: 0.15±0.1mm
 - b) 4-Way Direction
 - i) Operating Force: 160±50gf
 - ii) Stroke: 0.2±0.1mm
 4. Life Cycles: 50,000 Cycles



TM-1502



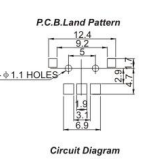
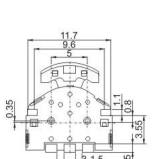
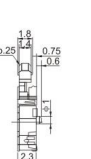
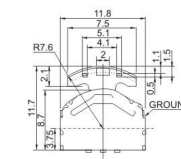
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
 3. Force/Lever: 0.65±0.3N Center: 2.5±1N
 4. Life: 100,000 Cycles



TM-1502A



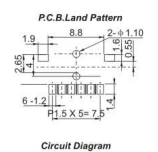
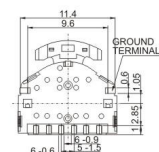
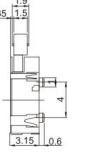
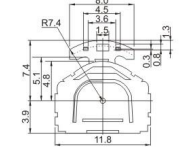
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
 3. Force/Lever: 0.65±0.3N Center: 2.5±1N
 4. Life: 100,000 Cycles



TM-1501A



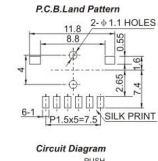
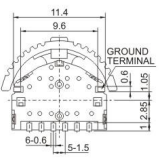
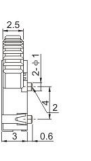
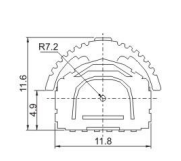
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
 3. Force/Lever: 0.65±0.3N Center: 2.5±1N
 4. Life: 100,000 Cycles



TM-1501



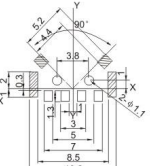
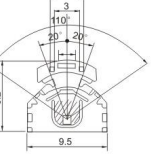
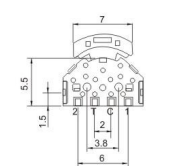
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
 3. Force/Lever: 0.65±0.3N Center: 2.5±1N
 4. Life: 100,000 Cycles



TM-1508A



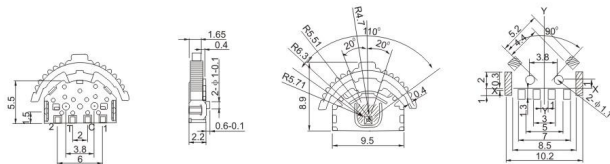
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
 3. Force/Lever: 0.65±0.3N Center: 2.5±1N
 4. Life: 100,000 Cycles



TM-1508



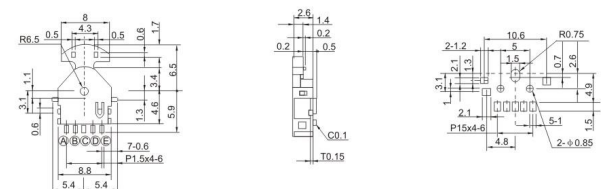
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
3. Force/Lever: 0.65±0.3N
Center: 2.5±1N
4. Life: 100,000 Cycles



TM-1306A



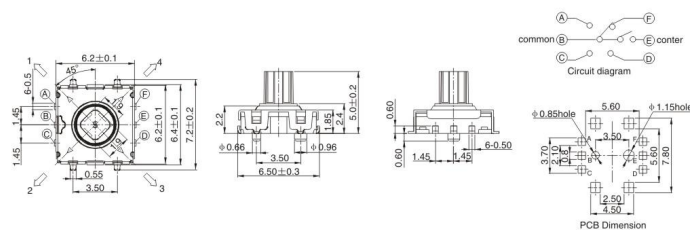
1. Rating: DC 12V 50mA Max
2. Travel Push: 0.7mm
3. Force/Lever: 0.65±0.3N
Center: 2.5±1N
4. Life: 100,000 Cycles



TM-4418



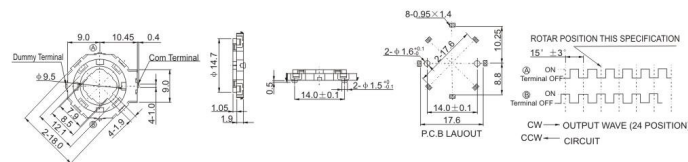
1. Operating force
4-Directional: 180gf
Center push: 250gf
2. Travel
4-Directional: 0.25mm
Center push: 0.15mm
3. Rating: 50mA 12V DC
4. Lifetime: 50,000 cycles



TM-1217



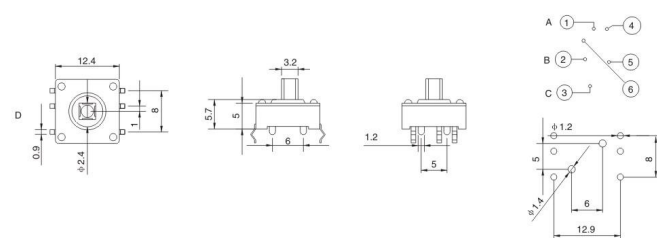
1. Detent Torque: 50±20gf.cm
2. Number and position of detent: 18
3. Resolution: 9/360°
4. Rated voltage: DC 5V
5. Insulation Resistance: 50MΩ 1 Minute
at DC 250V
6. Rotational life: 50,000 cycles Min



TM-4173

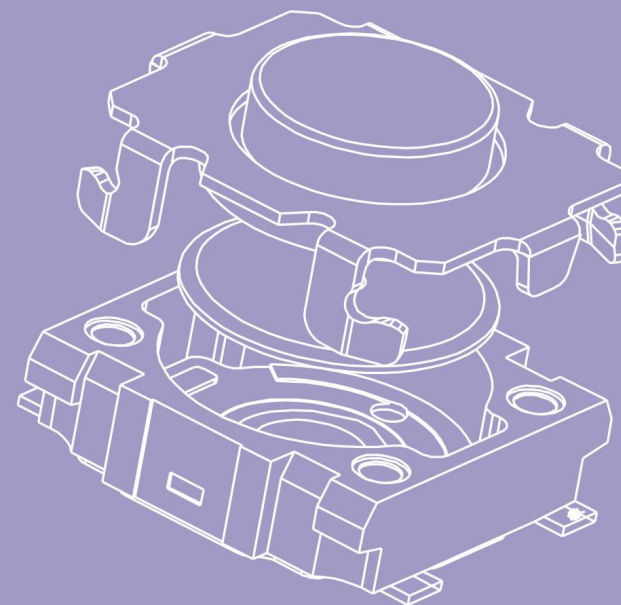


1. Rating: DC12V, 50mA Max.
2. Contact Resistance: 500mΩ Max.
3. Operating Spec.
a) Center Push
a) Operating Force: 260 ± 70gf
b) Stroke: 0.15 ± 0.1mm
a) 4-Way Direction
a) Operating Force: 180 ± 50gf
b) Stroke: 0.2 ± 0.1mm
4. Life Cycles: 50,000 Cycles

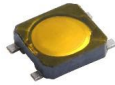


TACT SWITCH SERIES

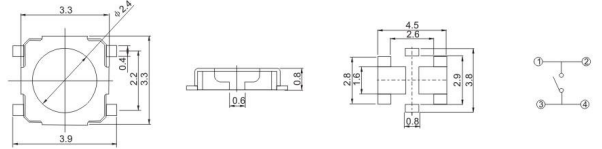
輕觸開關系列



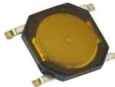
TK-033B



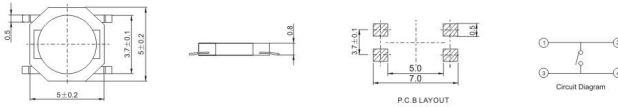
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-052BA



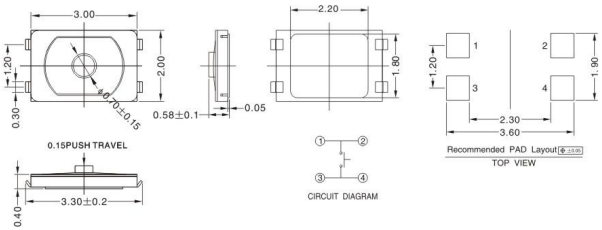
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2030



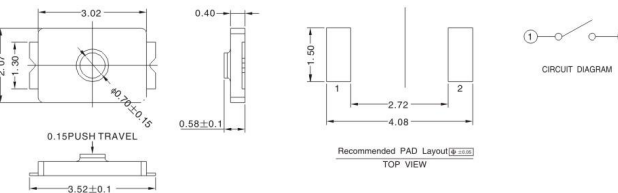
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



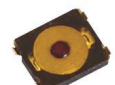
TK-2031



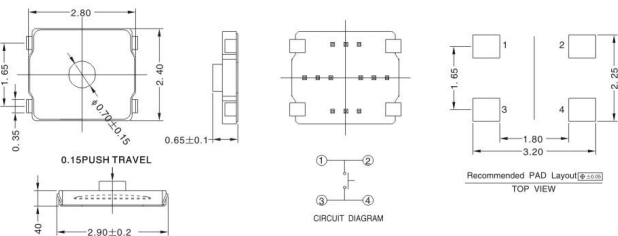
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



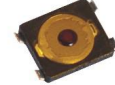
TK-2428



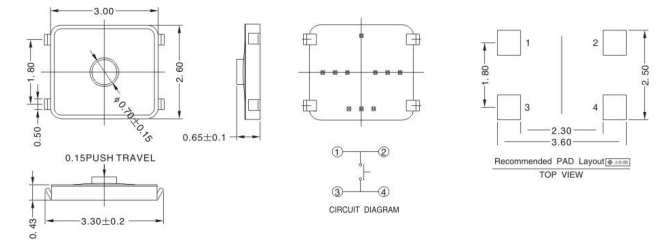
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



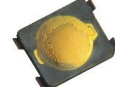
TK-2630



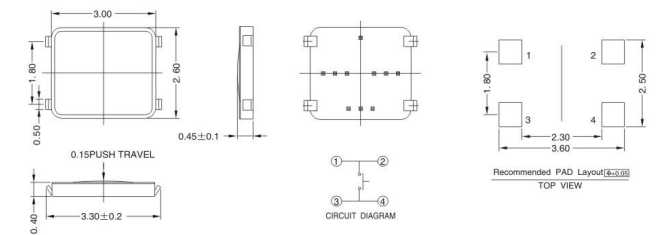
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



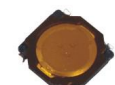
TK-2631



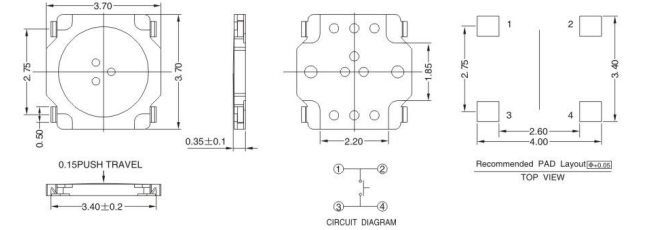
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



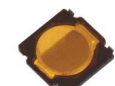
TK-037



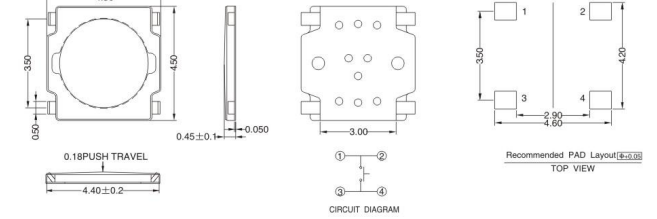
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



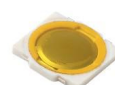
TK-1055



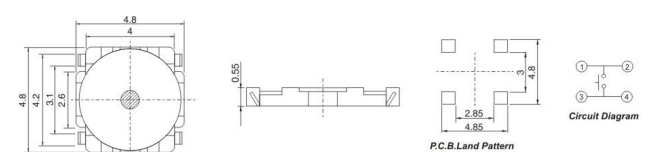
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1048



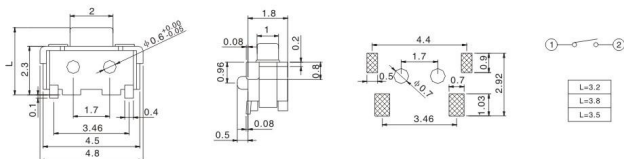
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-024



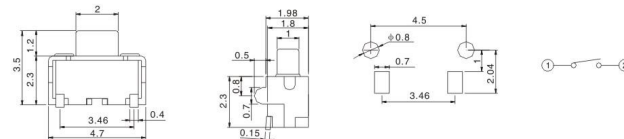
1. Contact: Mechanical Contact
2. Travel: $0.25^{+0.2}_{-0.1}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf,
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-024B



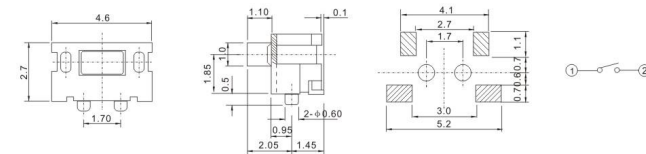
1. Contact: Mechanical Contact
2. Travel: 0.25 \pm 0.1 mm
3. Operating Force: 100 \pm 50gf, 160 \pm 50gf,
260 \pm 50gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-024D



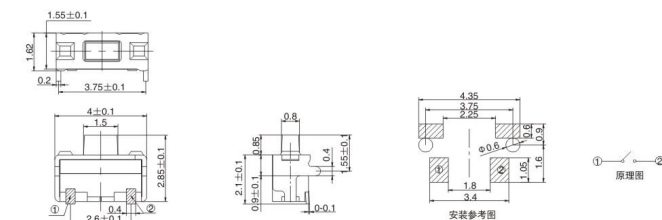
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf,
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-023CA



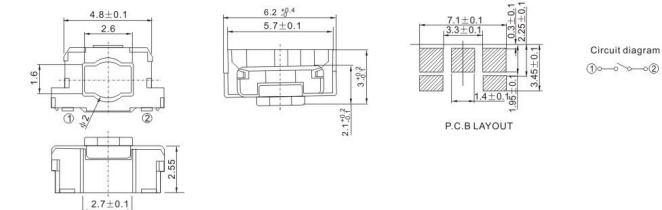
1. Contact: Mechanical Contact
2. Travel: $0.25^{+0.2}_{-0.1}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf,
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-063



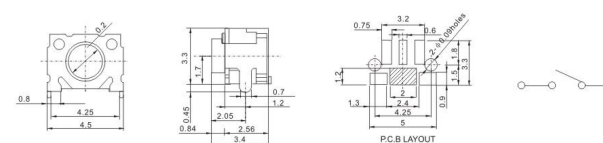
1. Contact: Mechanical Contact
2. Travel: 0.25^{+0.2}/_{-0.1} mm
3. Operating Force: 100±50gf, 160±50gf,
260±50gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-043



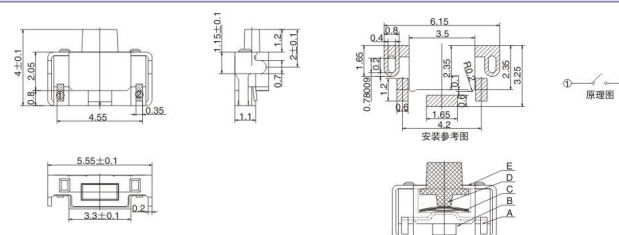
1. Contact: Mechanical Contact
2. Travel: $0.25^{+0.1}_{-0.1}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-024E



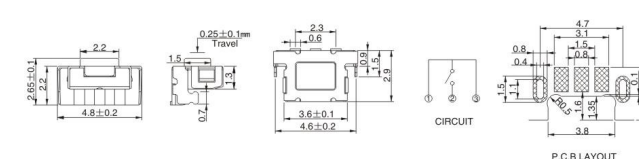
1. Contact: Mechanical Contact
2. Travel: $0.25 \pm \frac{0.02}{0.01}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



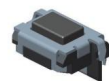
TK-035A



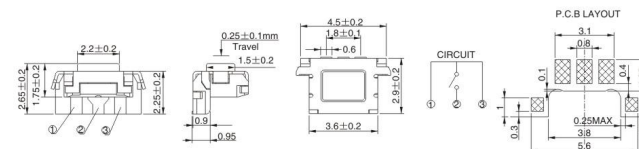
1. Operating temperature range: -30°C to +85°C
2. Rating: 50mA, 12V DC
3. Insulation Resistance: 100mΩ min. 100V DC
4. Dielectric strength: 250V AC for 1min
5. Contact Resistance: 100mΩ max
6. Life time: 100,000 Cycles
7. Operating Force: B: 180gf C: 250gf
8. Travel: 0.13±0.05mm



TK-035



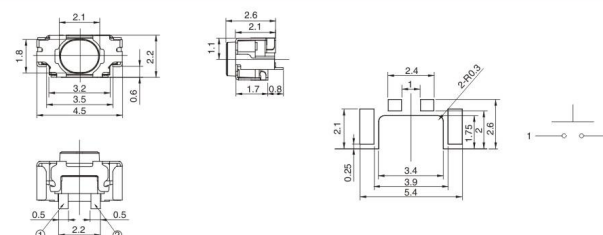
1. Contact: Mechanical Contact
2. Travel: $0.25^{+0.2}_{-0.1}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1245



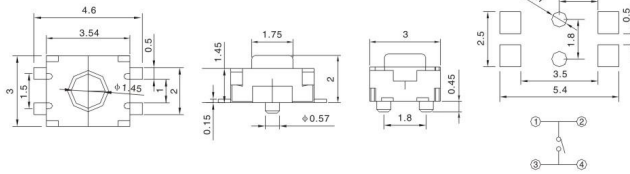
1. Contact: Mechanical Contact
2. Travel: $0.25^{+0.2}_{-0.1}$ mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf
 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034SA



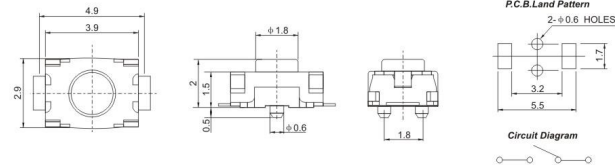
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034S



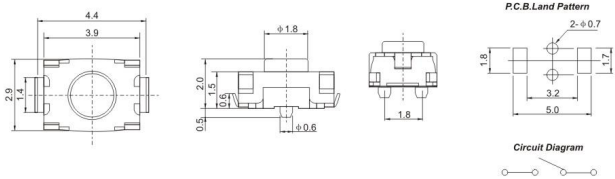
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034SU



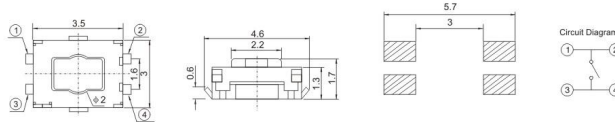
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034MS



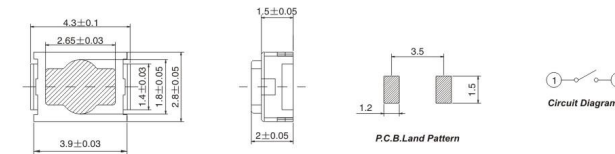
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034M



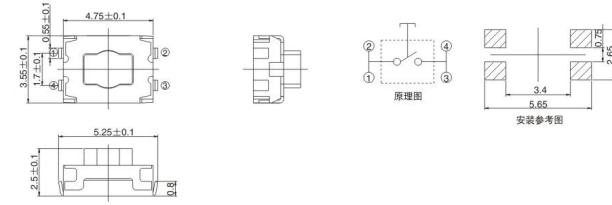
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-034MU



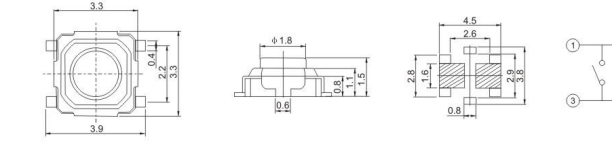
1. Operating temperature range: -30°C to $+85^{\circ}\text{C}$
2. Rating: 50mA 12V DC
3. Insulation Resistance: 100m Ω min. 100V DC
4. Dielectric strength: 250V AC for 1min
5. Contact Resistance: 100m Ω max
6. Life time: 100,000 Cycles
7. Operating Force: B: 180gf C: 250gf
8. Travel: 0.13 ± 0.05 mm



TK-033



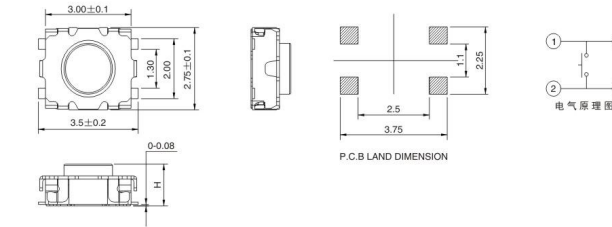
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1327



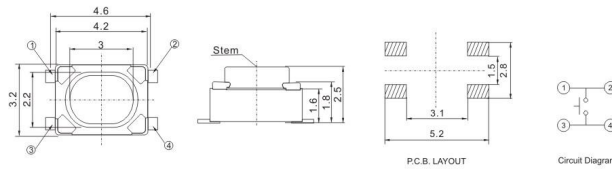
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1180A



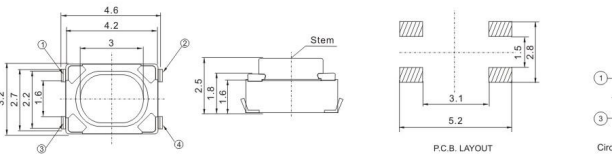
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1180



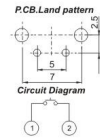
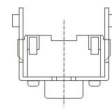
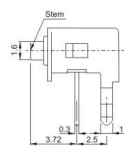
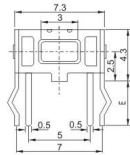
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-036DZ



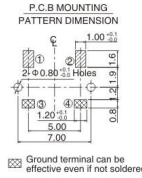
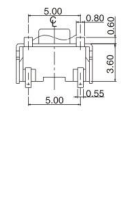
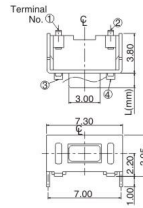
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-036DA



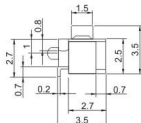
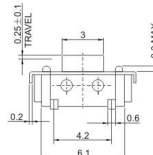
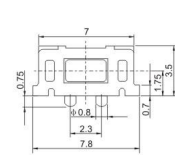
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2030



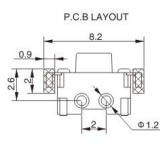
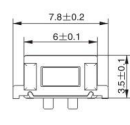
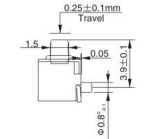
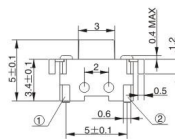
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2031



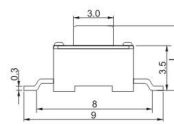
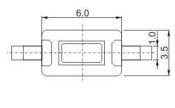
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2428



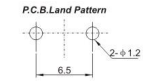
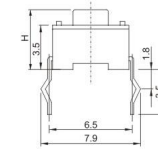
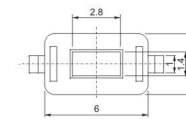
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-036D



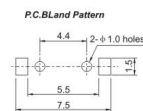
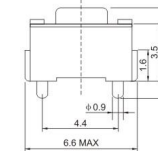
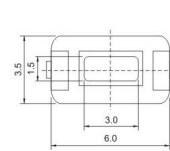
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-036SU



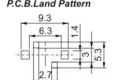
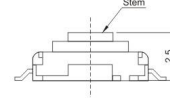
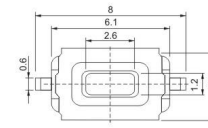
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-3625



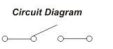
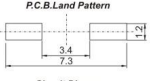
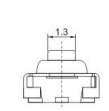
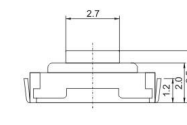
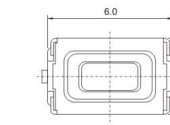
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-3625U



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.

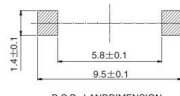
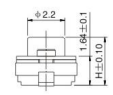
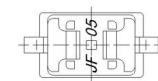
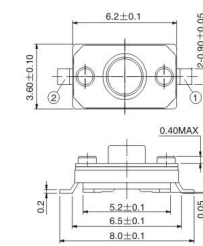


TK-3625F

IP67



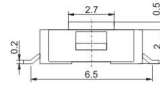
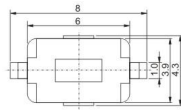
- Note
1. Rating: DC 12V 50mA
 2. Contact Resistance: 100mΩ max



TK-3609



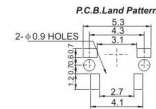
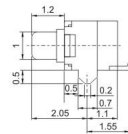
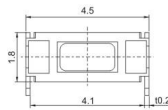
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-3612B



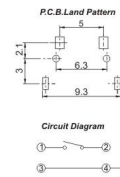
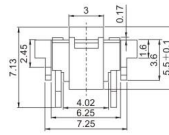
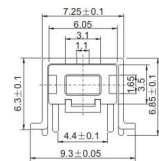
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-3613



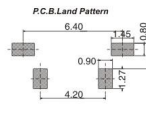
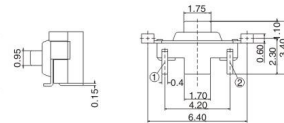
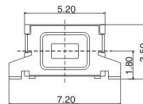
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-3625C



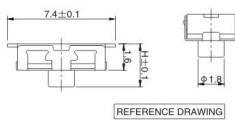
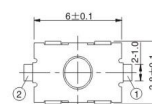
1. Rating: 12V DC, 50mA Max
2. Stroke: 0.3 ± 0.1 mm
3. Contact resistance: 100mΩ Max
4. Operating Force: 220 ± 40 gf
5. Operating Life: 250,000 cycles



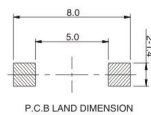
TK-036B



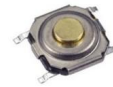
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



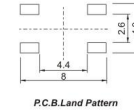
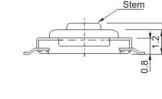
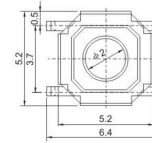
REFERENCE DRAWING



TK-052



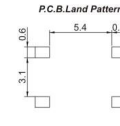
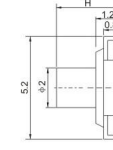
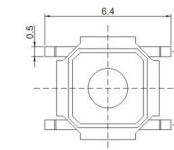
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



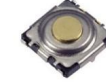
TK-052L



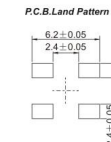
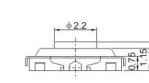
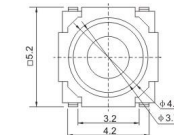
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-052U



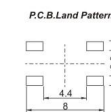
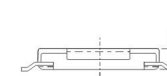
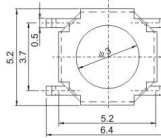
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-052B



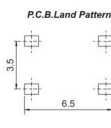
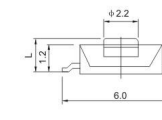
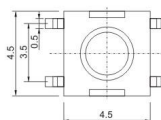
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1045



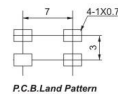
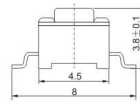
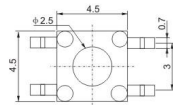
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-045S



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

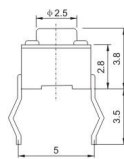
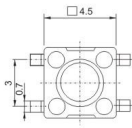


Circuit Diagram

TK-045D



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

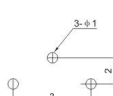
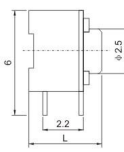
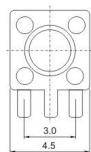


Circuit Diagram

TK-045C



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

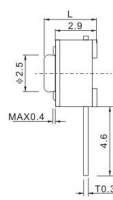
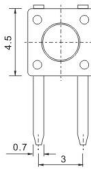


Circuit Diagram

TK-045CA



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

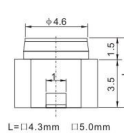
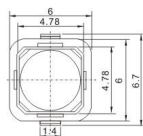


Circuit Diagram

TK-1066



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. LAYOUT

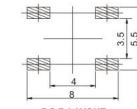
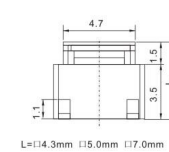
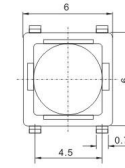


Circuit Diagram

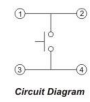
TK-1066A



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. LAYOUT

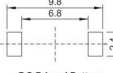
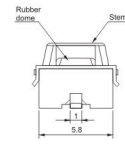
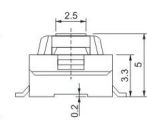
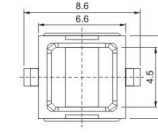


Circuit Diagram

TK-1066B



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



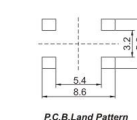
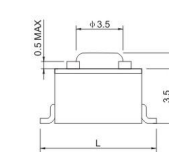
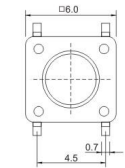
P.C.B. Land Pattern

Circuit Diagram

TK-066S



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

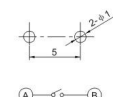
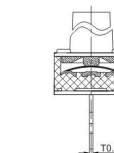
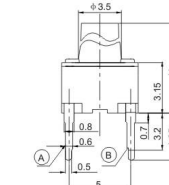
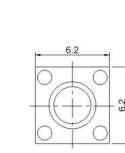


Circuit Diagram

TK-066D-2P



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.

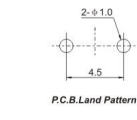
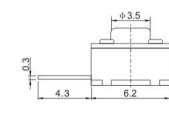
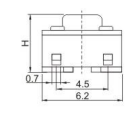


Circuit Diagram

TK-066DC



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

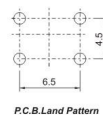
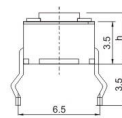
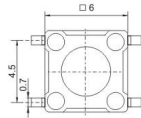


Circuit Diagram

TK-066D



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

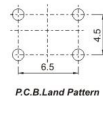
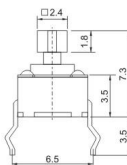
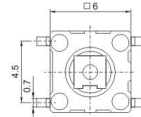


Circuit Diagram

TK-066DF



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

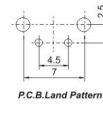
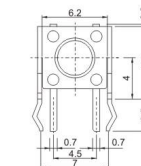


Circuit Diagram

TK-066H



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

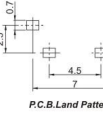
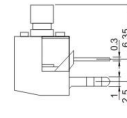
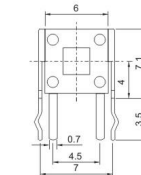


Circuit Diagram

TK-066HF



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

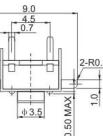
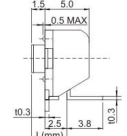
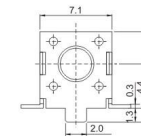


Circuit Diagram

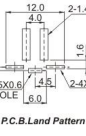
TK-6619



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern



P.C.B. Land Pattern

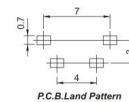
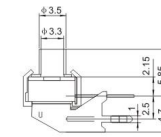
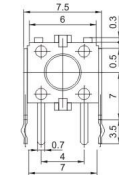


Circuit Diagram

TK-6617C



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

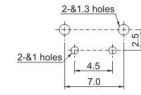
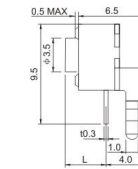
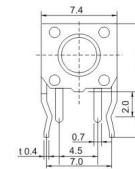


Circuit Diagram

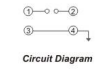
TK-6620



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

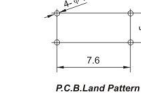
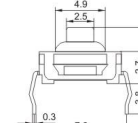
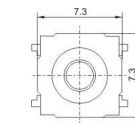


Circuit Diagram

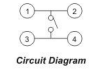
TK-6622



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

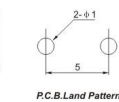
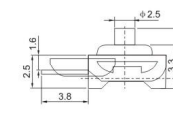
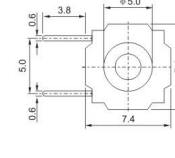


Circuit Diagram

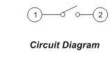
TK-6614



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

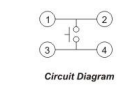
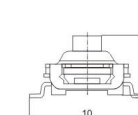
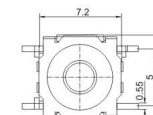


Circuit Diagram

TK-6622C



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



P.C.B. Land Pattern

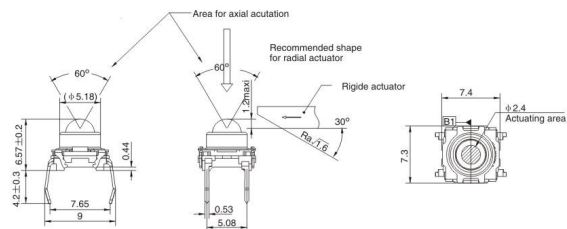


Circuit Diagram

TK-6674



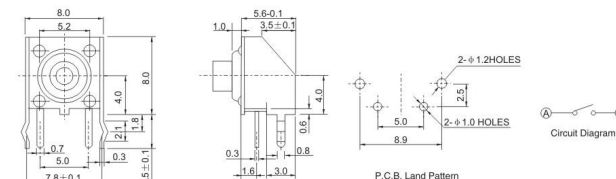
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-6623



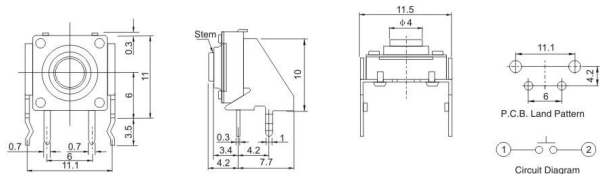
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



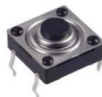
TK-1202



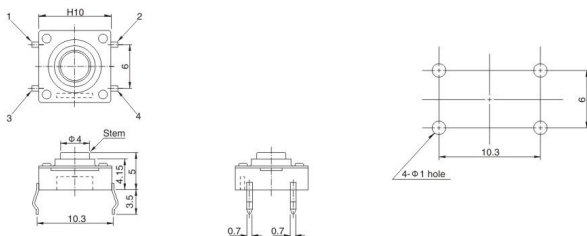
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1010



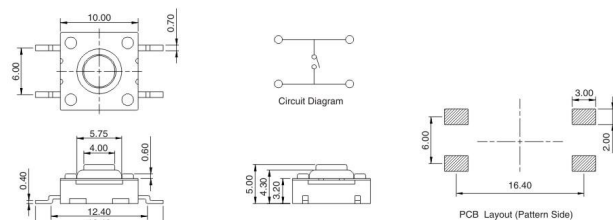
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1010S



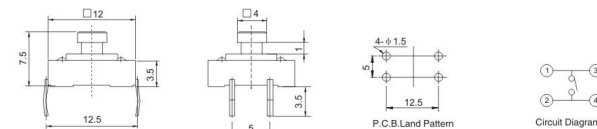
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-012DF



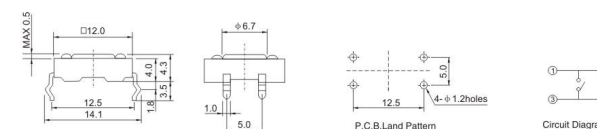
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-012D



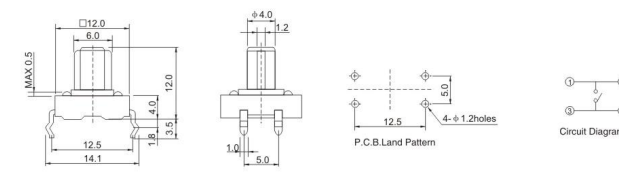
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-012DA



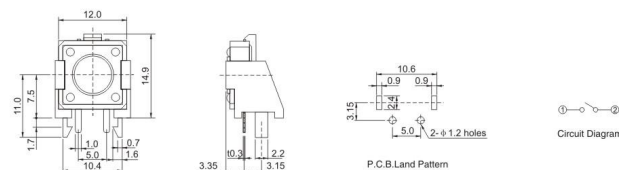
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-012DC



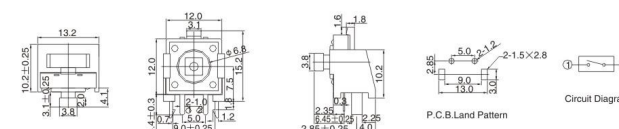
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-012DH



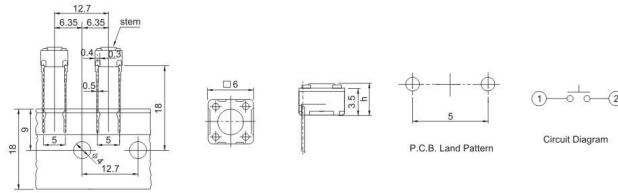
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



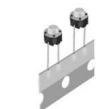
TK-1103



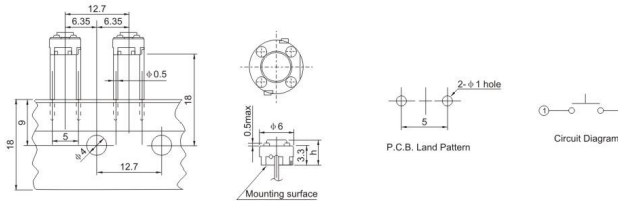
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



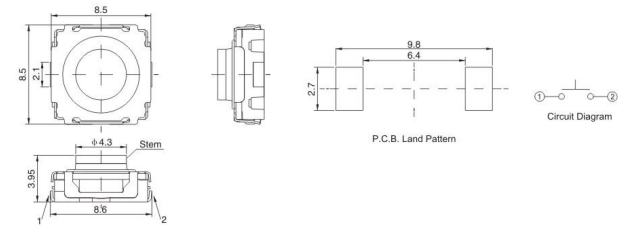
TK-1106



1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



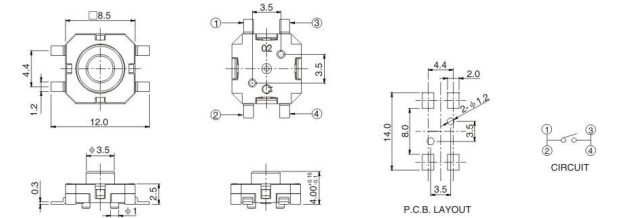
TK-1085



TK-1084



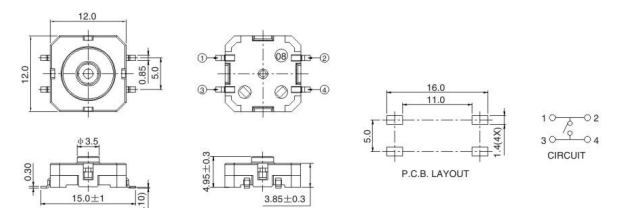
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



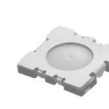
TK-1012



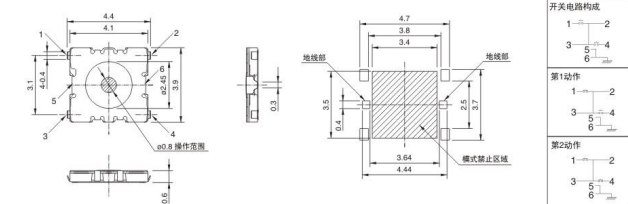
- NOTES:
1. RATING: 12VDC 50mA
 2. CONTACT RESISTANCE: 100mΩ Max (100mΩ)
 3. INSULATION RESISTANCE: 100MΩ (at 50VDC)
 4. DIELECTRIC STRENGTH: 250VAC(50/60Hz) FOR 1MINUTE
 5. OPERATING LIFE: 1,000,000 CYCLES MIN.
 6. OPERATING FORCE: 300±100gf
 7. TRAVEL: 0.7±0.3mm
 8. OPERATING TEMPERATURE: -20°C to 70°C



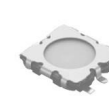
TK-2044



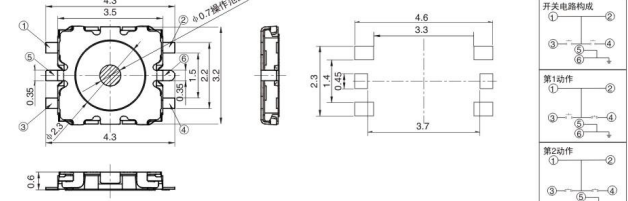
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2033



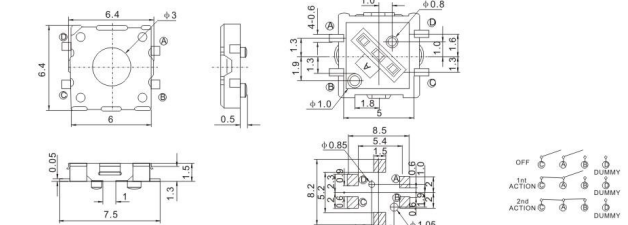
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



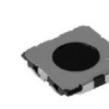
TK-2122



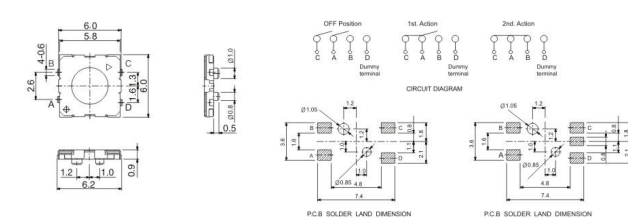
- Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100MΩ min. 100V DC
Dielectric strength: 250V AC for 1 min.
Contact resistance: 100mΩ max.
Life time: 30,000 Cycles
Operating force: 1st 100 ± 50 gf 2st 260 ± 50 gf
Travel: 1st 0.5 ± 0.1 mm 2st 0.7 ± 0.1 mm



TK-2120



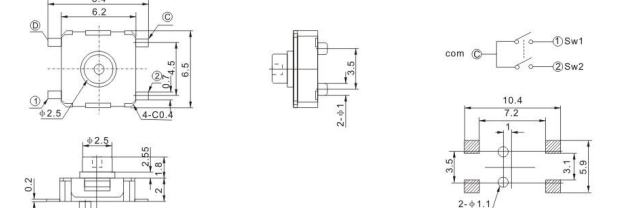
1. Contact: Mechanical Contact
2. Travel: 0.25 ± 0.1 mm
3. Operating Force: 100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
4. Contact Resistance: 100m Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-2066



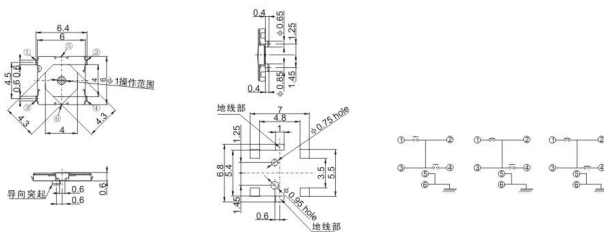
- Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100MΩ min. 100V DC
Dielectric strength: 250V AC for 1 min.
Contact resistance: 100mΩ max.
Life time: 10,000 Cycles
Operating force: 1st 100 ± 40 gf 2st 250 ± 80 gf
Travel: 1st 0.3 ± 0.1 mm 2st 0.55 ± 0.1 mm



TK-2121



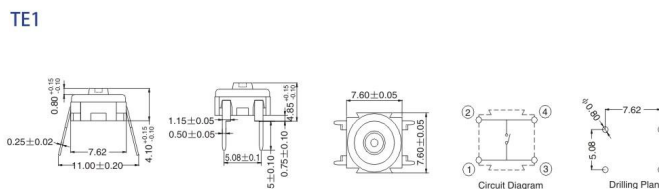
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: 30,000 Cycles
Operating force: 1st 100 \pm 40gf 2st 250 \pm 80gf
Travel: 1st 0.25 \pm 0.1mm 2st 0.40 \pm 0.1mm



TK-TE1



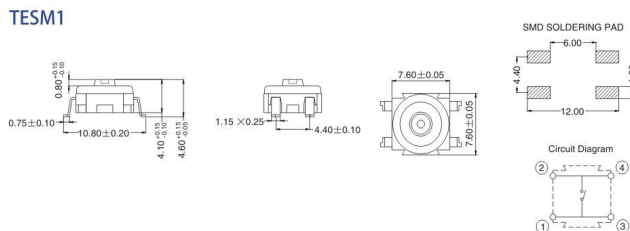
1. Contact: Mechanical Contact
2. Travel: 0.25 \pm 1mm
3. Operating Force: 100 \pm 50gf, 160 \pm 50gf, 260 \pm 50gf
4. Contact Resistance: 100m Ω Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-TESM1



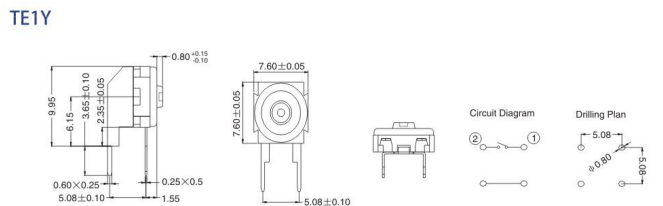
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: 100,000 Cycles
Operating force: B: 180gf C: 250gf
Travel: 0.13 \pm 0.05mm



TK-TE1Y



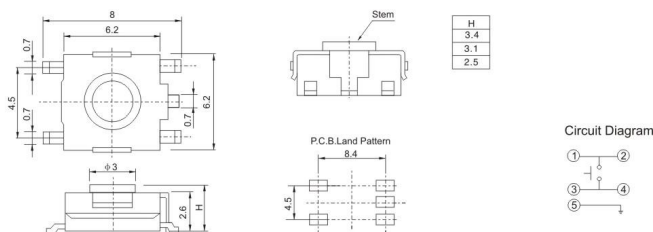
1. Contact: Mechanical Contact
2. Travel: 0.25 \pm 1mm
3. Operating Force: 100 \pm 50gf, 160 \pm 50gf, 260 \pm 50gf
4. Contact Resistance: 100m Ω Max.
5. Life: 1,000,000 Cycles min.
5,000,000 Cycles min.



TK-1662S



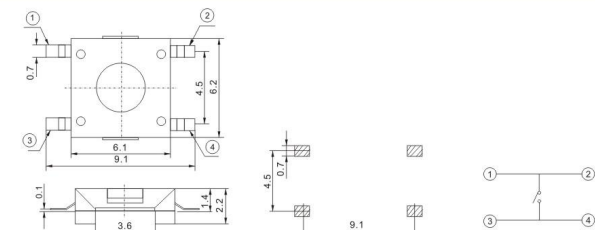
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: 8,200,000 Cycles C: 100,000 Cycles
Operating force: B: 180gf C: 250gf
Travel: 0.25 \pm 0.1mm



TK-1186UE



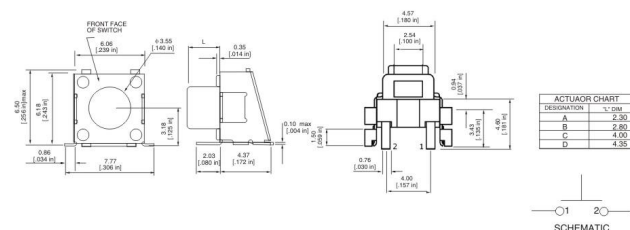
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: B: 200,000 Cycles C: 100,000 Cycles
Operating force: B: 180gf C: 250gf
Travel: 0.25 \pm 0.1mm



TK-1062H



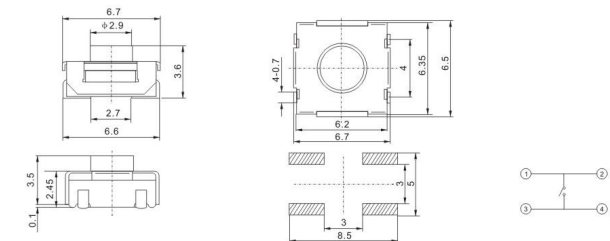
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: B: 200,000 Cycles C: 100,000 Cycles
Operating force: B: 180gf C: 250gf
Travel: 0.25 \pm 0.1mm



TK-1062



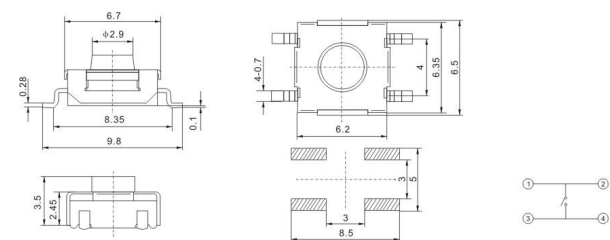
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: A: B: C: 100,000 Cycles
Operating force: C: 250gf G: 320gf H: 400gf
Travel: 0.35 \pm 0.1mm



TK-1062S



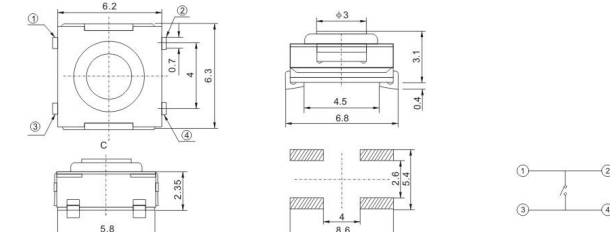
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: A: B: C: 100,000 Cycles
Operating force: C: 250gf G: 320gf H: 400gf
Travel: 0.35 \pm 0.1mm



TK-1662



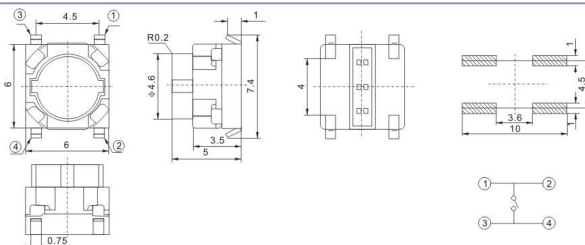
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min. 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: B: 200,000 Cycles C: 100,000 Cycles
Operating force: B: 180gf C: 250gf
Travel: 0.25 \pm 0.1mm



TK-2403



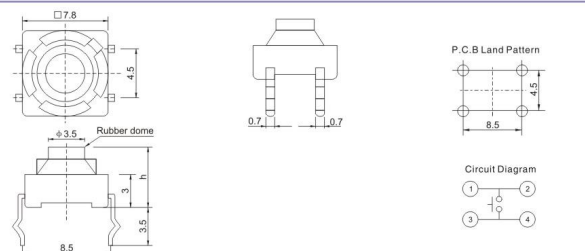
Operating temperature range: -40°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min, 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: B: C: 100,000 Cycles
Operating force: 8-180gf C250gf
Travel: 1.30 \pm 0.1mm



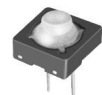
TK-1078



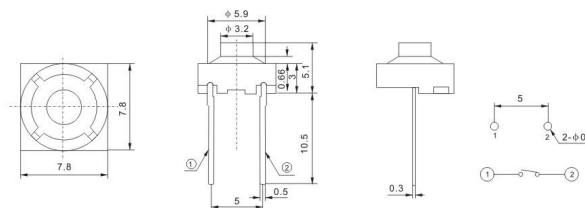
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min, 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: E: C: 100,000 Cycles
Operating force: E: 130gf C250gf
Travel: 1.20 \pm 0.1mm



TK-1078A



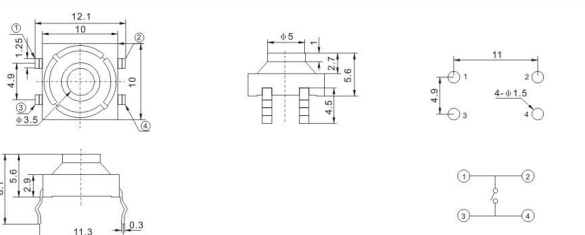
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min, 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: E: C: 100,000 Cycles
Operating force: E: 130gf C250gf
Travel: 1.20 \pm 0.1mm



TK-1078B



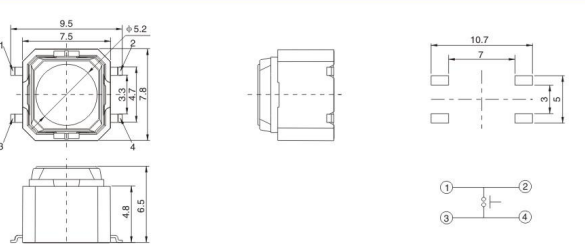
Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min, 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: E: C: 100,000 Cycles
Operating force: E: 130gf C250gf
Travel: 1.20 \pm 0.1mm



TK-1075

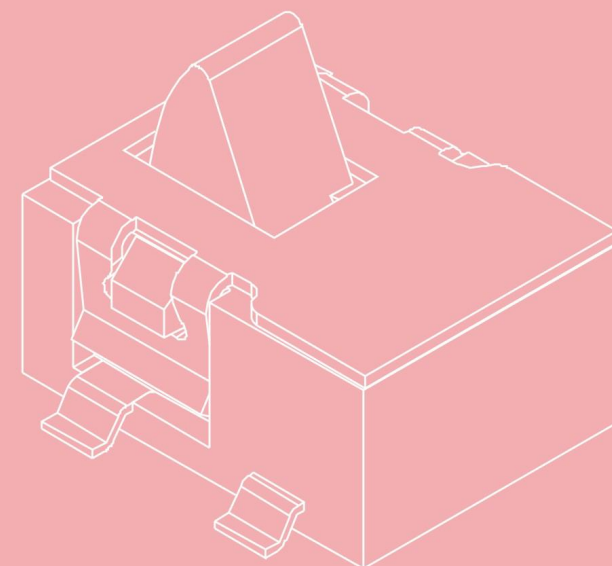


Operating temperature range: -30°C to +85°C
Rating: 50mA, 12V DC
Insulation resistance: 100M Ω min, 100V DC
Dielectric strength: 250V AC for 1 min
Contact resistance: 100m Ω max.
Life time: E: C: 100,000 Cycles
Operating force: E: 130gf C250gf
Travel: 1.20 \pm 0.1mm

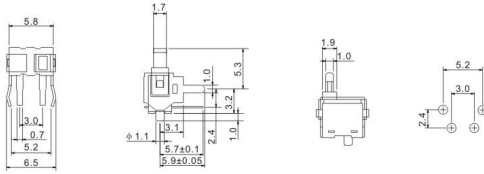


DETECTOR SWITCH SERIES

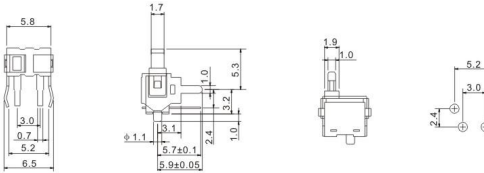
檢測開關系列



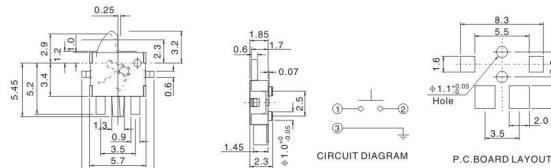
DS-001DR



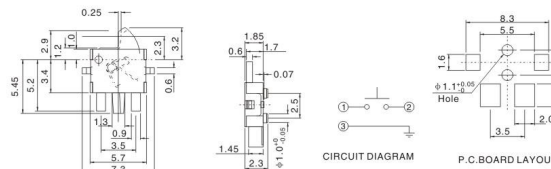
DS-001DL



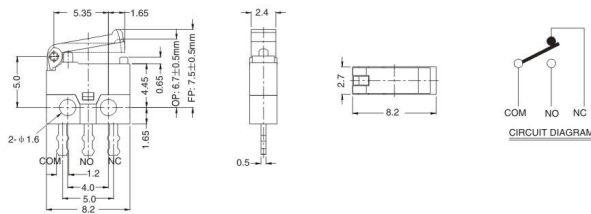
DS-002SR



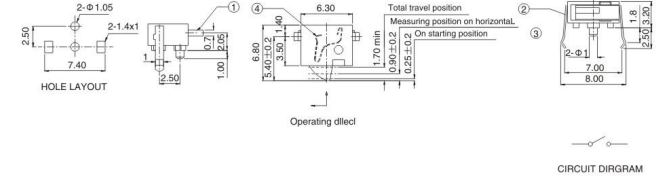
DS-002SL



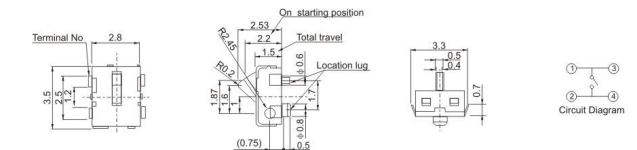
DS-003D



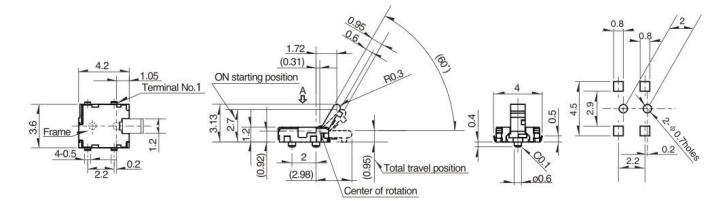
DS-004D



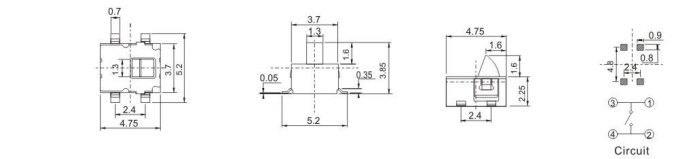
DS-005S



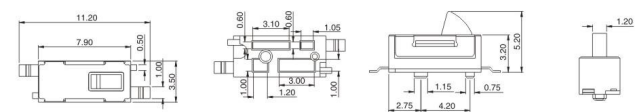
DS-006S



DS-007S



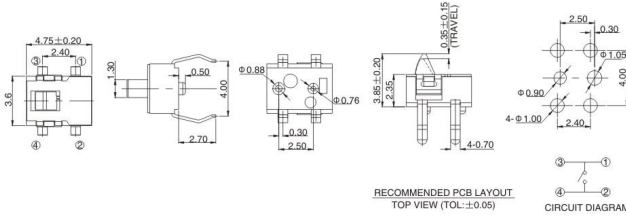
DS-007SA



DS-007D



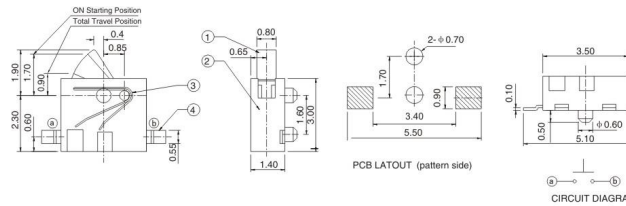
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-008S



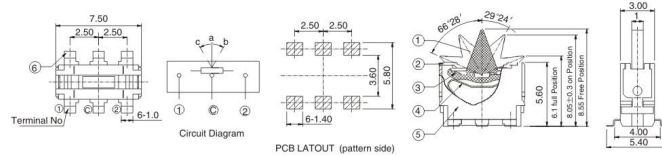
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-009S



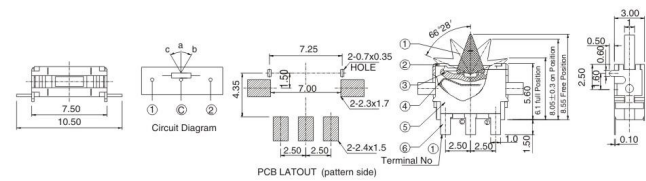
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-009SA



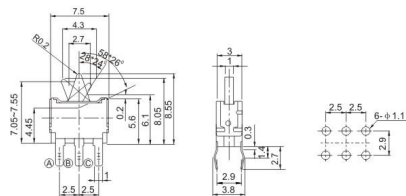
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-009D



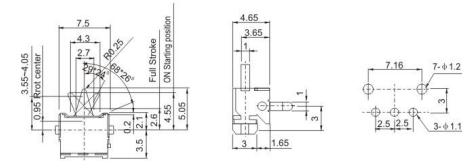
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



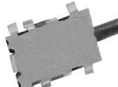
DS-009DA



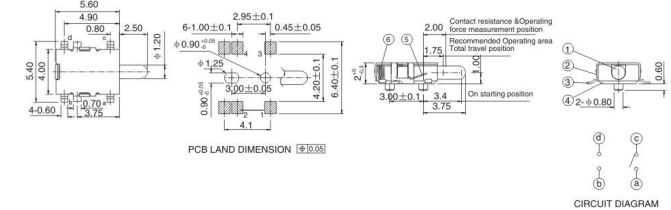
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-010S



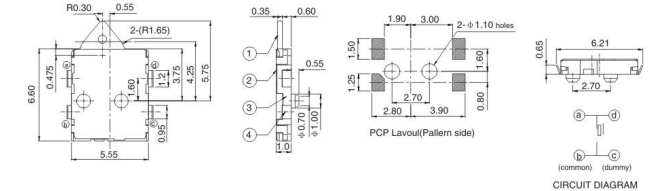
Rating: 1mA 5VDC~50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
5Ω max~10Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-011S



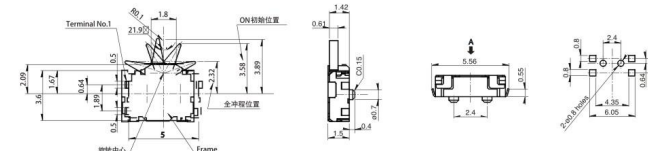
Rating: 1mA 5VDC~50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
5Ω max~10Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-012S



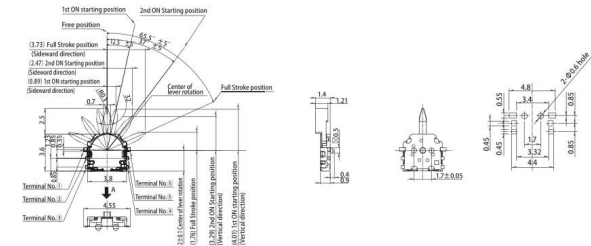
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-013S



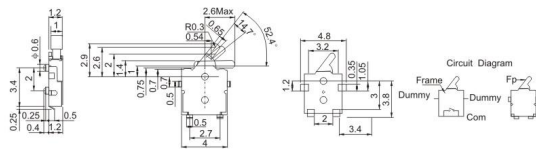
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500mΩ max~1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



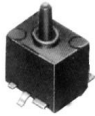
DS-014SR/L



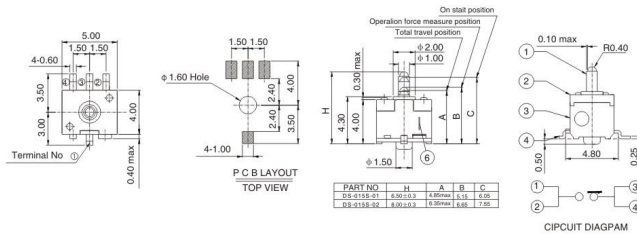
Rating: 50mA 20VDC 100µA 3V DC
Temperature: -25 80°C
Contact Resistance:
500mΩ max 1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-015S



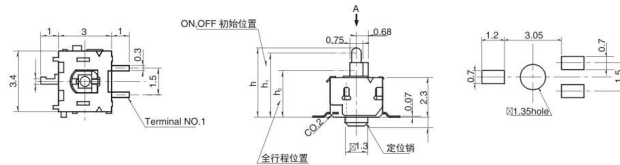
Rating: 1mA 5VDC 50µA 3V DC
Temperature: -25 80°C
Contact Resistance:
2Ω max 5Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-015SA



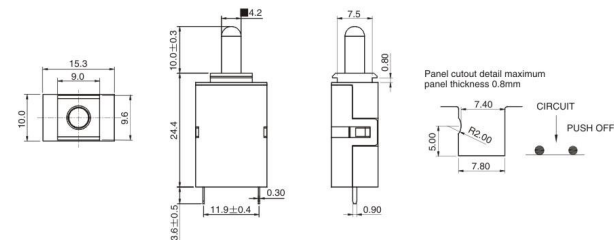
Rating: 50mA 20VDC 100µA 3V DC
Temperature: -25 80°C
Contact Resistance:
500mΩ max 1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-016D



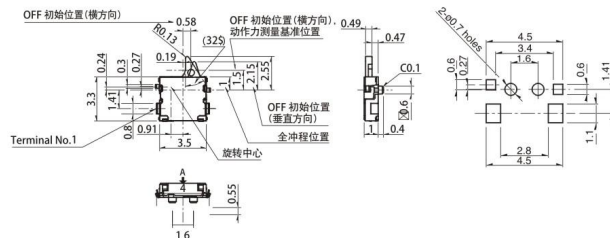
Rating: 50mA 20VDC 100µA 3V DC
Temperature: -25 80°C
Contact Resistance:
500mΩ max 1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



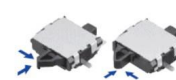
DS-017SR/L



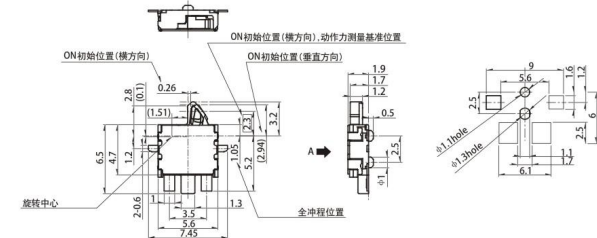
Rating: 50mA 20VDC 100µA 3V DC
Temperature: -25 80°C
Contact Resistance:
500mΩ max 1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-018SR/L



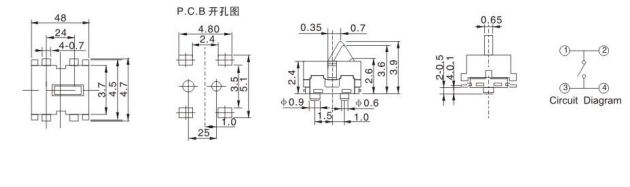
Rating: 50mA 20VDC 100µA 3V DC
Temperature: -25 80°C
Contact Resistance:
500mΩ max 1Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 100,000Cycles



DS-019S



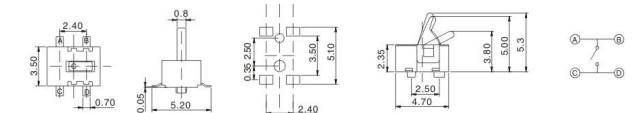
Rating: 1mA 5VDC 50µA 3V DC
Temperature: -25 80°C
Contact Resistance:
2Ω max 5Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 50,000Cycles



DS-019SA



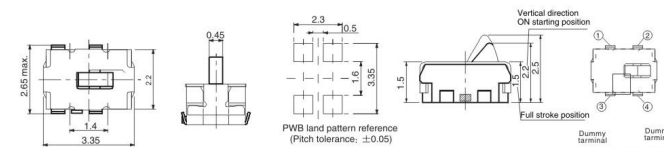
Rating: 1mA 5VDC 50µA 3V DC
Temperature: -25 80°C
Contact Resistance:
2Ω max 5Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 50,000Cycles



DS-020S



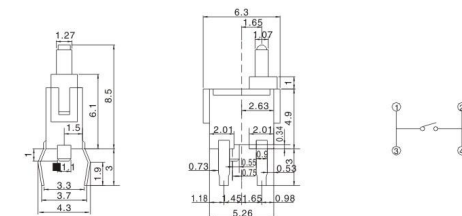
Rating: 1mA 5VDC 50µA 3V DC
Temperature: -25 80°C
Contact Resistance:
2Ω max 5Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 50,000Cycles



DS-021D



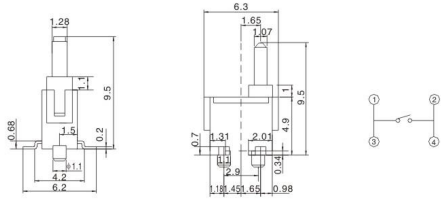
Rating: 0.1A 30VDC 50µA 3V DC
Temperature: -25 80°C
Contact Resistance:
1Ω max 2Ω max
Insulation Resistance:
100MΩ min(100V DC)
Life: 50,000Cycles



DS-021S



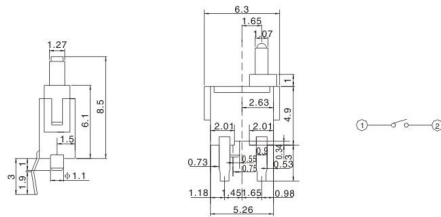
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-022D



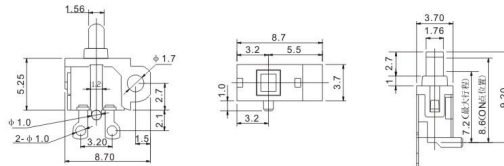
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-023D



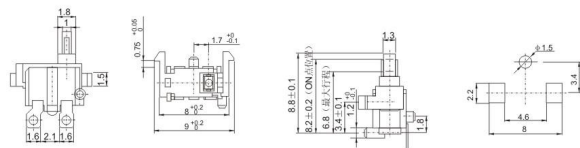
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-024D



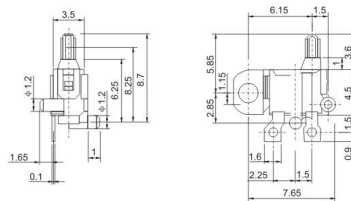
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-025D



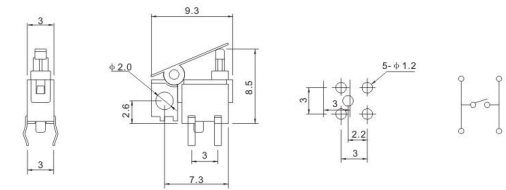
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-026D



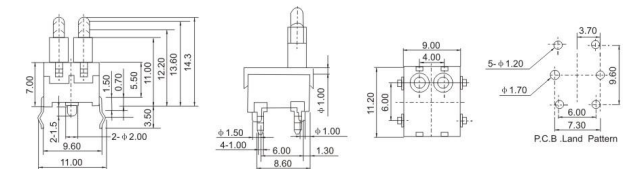
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-027D



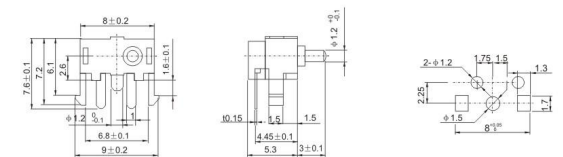
Rating: 50mA 20VDC-100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500m Ω max-1 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 100,000Cycles



DS-028D



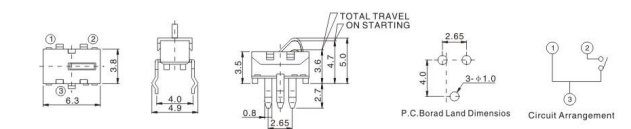
Rating: 1mA 5VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
2 Ω max-5 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-029D



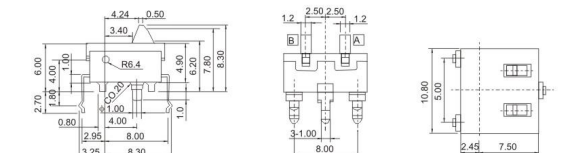
Rating: 0.1A 30VDC-50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max-2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-030D



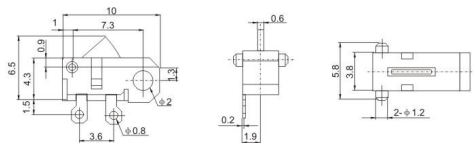
Rating: 50mA 20VDC-100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500m Ω max-1 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 100,000Cycles



DS-031D



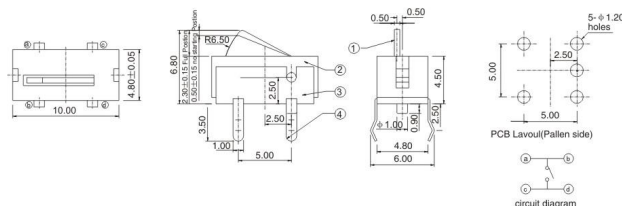
Rating: 1mA 5VDC~50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
2 Ω max~5 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



DS-032D



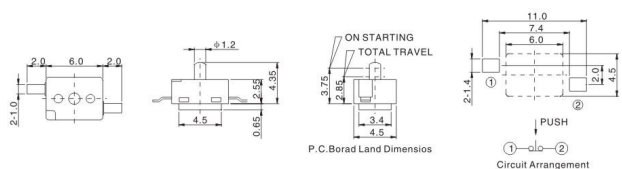
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500m Ω max~1 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 100,000Cycles



DS-032S



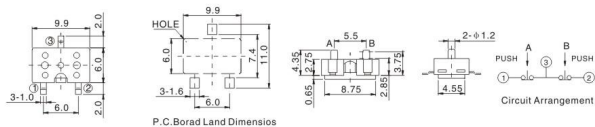
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500m Ω max~1 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 100,000Cycles



DS-033S



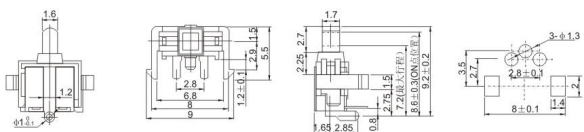
Rating: 50mA 20VDC~100μA 3V DC
Temperature: -25~80°C
Contact Resistance:
500m Ω max~1 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 100,000Cycles



DS-209

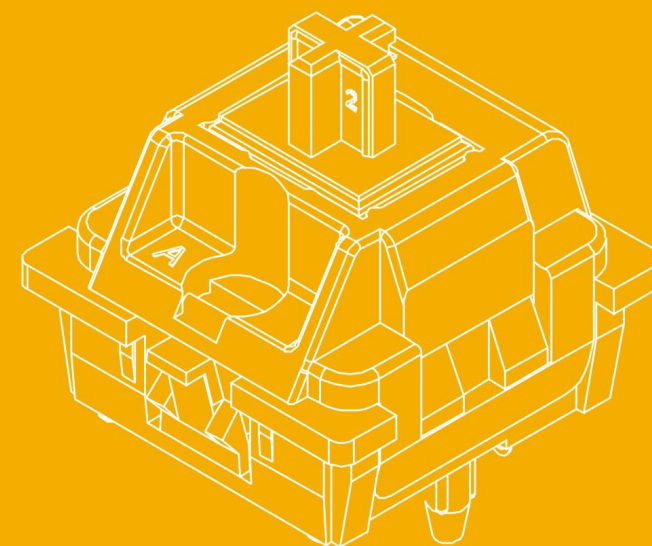


Rating: 0.1A 30VDC~50μA 3V DC
Temperature: -25~80°C
Contact Resistance:
1 Ω max~2 Ω max
Insulation Resistance:
100M Ω min(100V DC)
Life: 50,000Cycles



KEYBOARD SWITCH SERIES

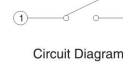
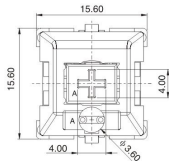
鍵盤開關系列



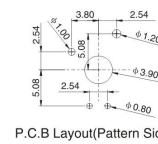
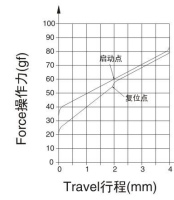
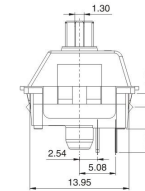
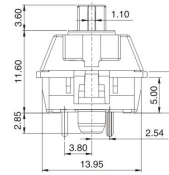
PK150B 无声音 力度重



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 2.00mm \pm 0.6mm
 9. Breaking travel: 1.5mm \pm 0.6mm
 10. Total Travel: 4.0 \pm 0.5mm



Circuit Diagram

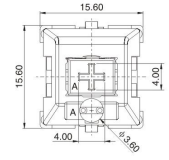


P.C.B Layout (Pattern Side)

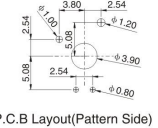
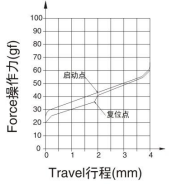
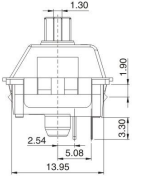
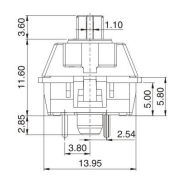
PK150R 有断落感 无声音



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 2.00mm \pm 0.6mm
 9. Breaking travel: 1.5mm \pm 0.6mm
 10. Total Travel: 4.0 \pm 0.5mm



Circuit Diagram

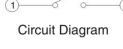
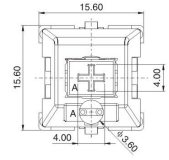


P.C.B Layout (Pattern Side)

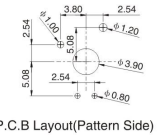
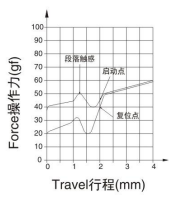
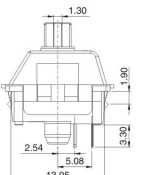
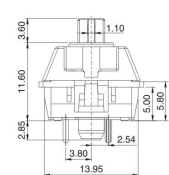
PK150T 无断落感 无声音



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 2.00mm \pm 0.6mm
 9. Breaking travel: 1.5mm \pm 0.6mm
 10. Total Travel: 4.0 \pm 0.5mm



Circuit Diagram

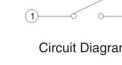
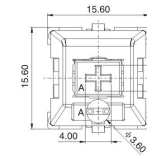


P.C.B Layout (Pattern Side)

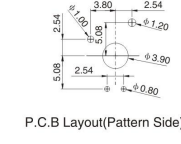
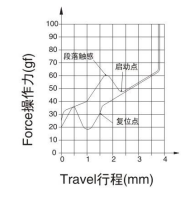
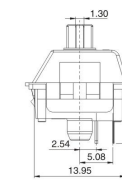
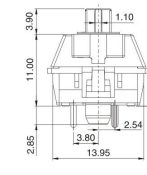
PK150Q 有断落感 有声音



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 2.00mm \pm 0.6mm
 9. Breaking travel: 1.5mm \pm 0.6mm
 10. Total Travel: 4.0 \pm 0.5mm



Circuit Diagram

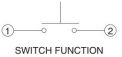
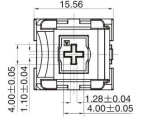


P.C.B Layout (Pattern Side)

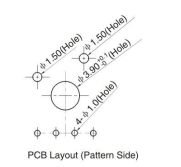
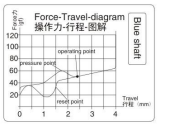
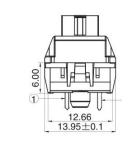
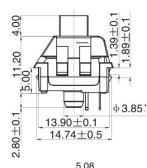
PK-150F 防尘型



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 2.00mm \pm 0.6mm
 9. Breaking travel: 1.5mm \pm 0.6mm
 10. Total Travel: 4.0 \pm 0.5mm



Circuit Diagram

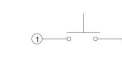
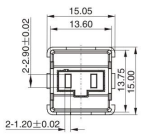


P.C.B Layout (Pattern Side)

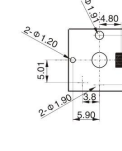
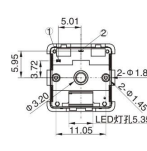
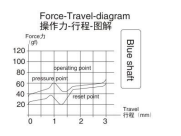
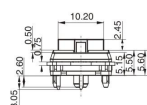
PK-150H 超薄型



- Specification:
1. Rating: 12V AC/DC max. 2V DC min
10mA AC/DC max. 10 μ A DC min
 2. Contact Resistance: 200m Ω max
 3. Insulation Resistance: 100M Ω Min(DC100V)
 4. Withstand Voltage: AC500V(50-60Hz) for 1minute
 5. Bounce Time: \leq 5msec(at 16in/sec.actuation speed)
 6. Operating Force: 60 \pm 10gf
 7. Tactile Force: 50 \pm 10gf
 8. Conduction travel: 1.50mm \pm 0.5mm
 9. Breaking travel: 3.0mm \pm 0.5mm
 10. Operation number: 50,000,000 cycles

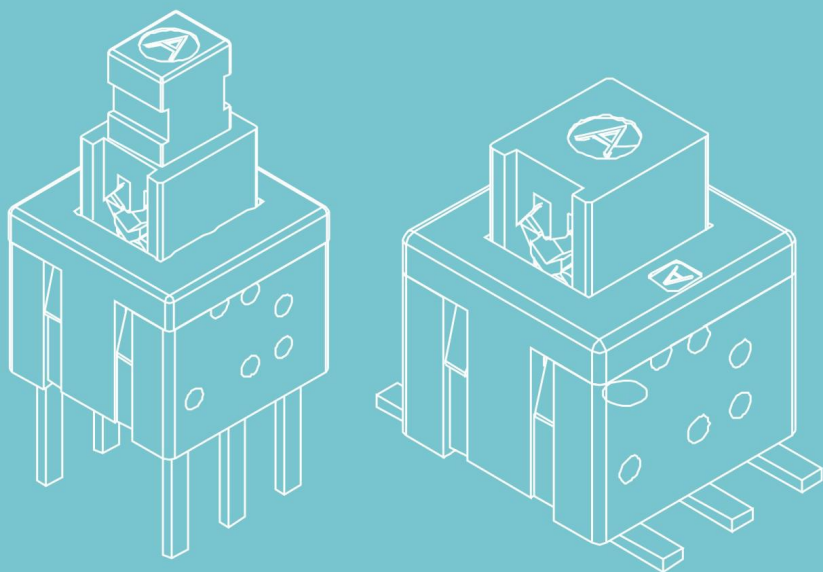


Circuit Diagram



PUSH-KEY SWITCH SERIES

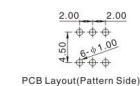
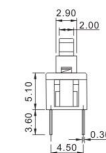
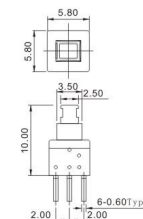
按鍵開關系列



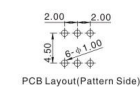
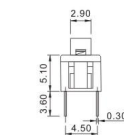
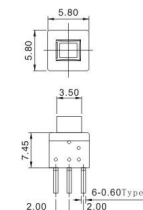
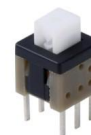
按鍵開關 · PUSH-KEY SWITCH SERIES



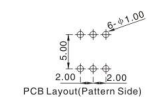
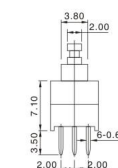
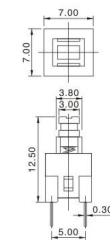
PB585810D01



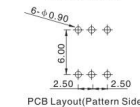
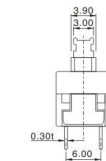
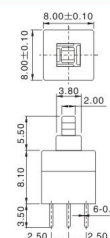
PB282807D01



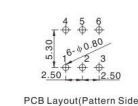
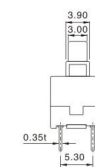
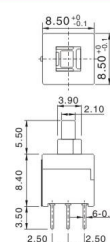
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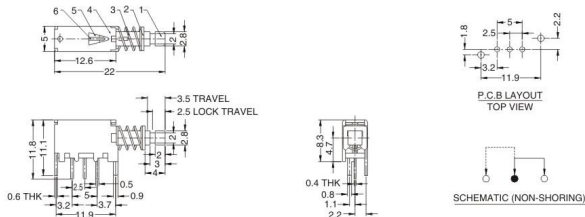
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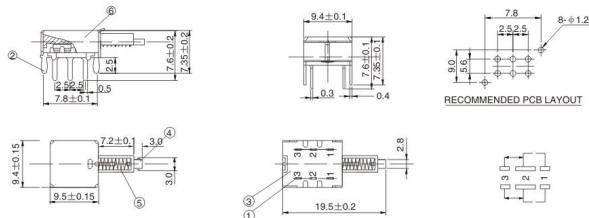
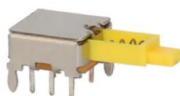
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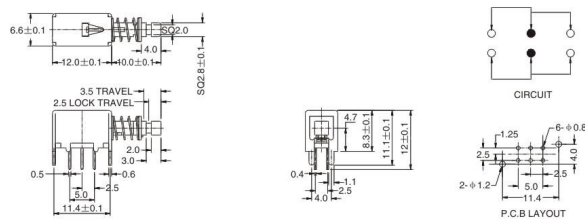
PS-12E05A



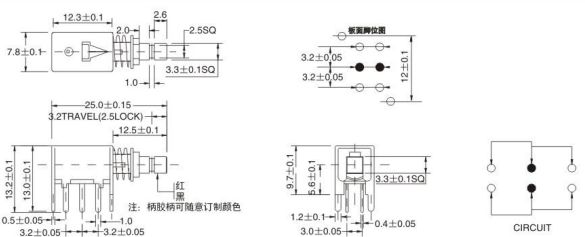
PS-22E02



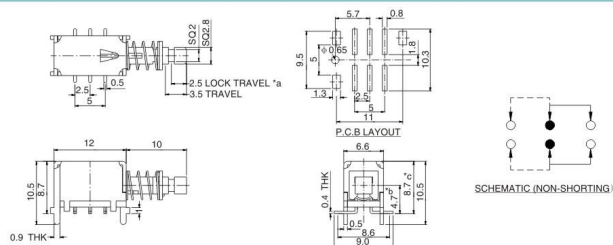
PS-22E05



PS-22F03A03



PS-22E25



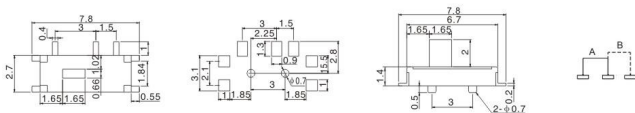
SLIDE SWITCH SERIES

撥動開關系列

SS-1201



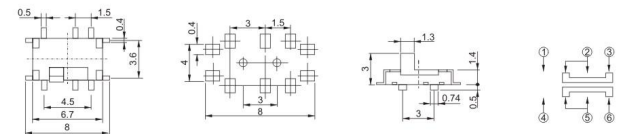
Contact type: 1P2T, travel: 1.5
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 160gf



SS-2201



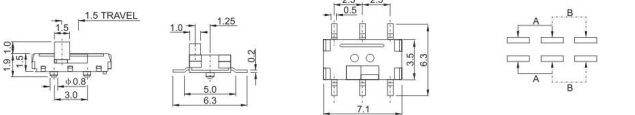
Contact type: 2P2T, travel: 1.5
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 300gf



SS-2202



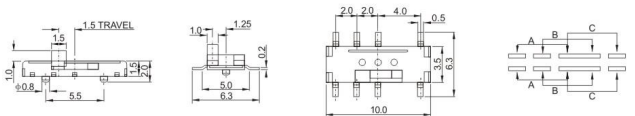
Contact type: 2P2T, travel: 1.5
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 300gf



SS-2302



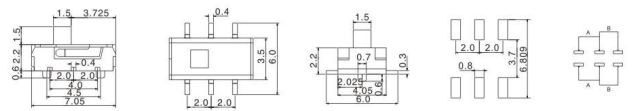
Contact type: 2P3T, travel: 1.5
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 250gf



SS-2218A



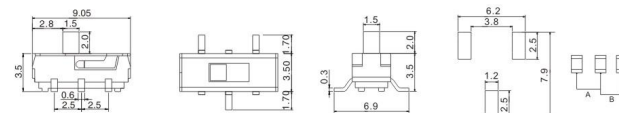
Contact type: 2P2T, travel: 1.5
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 130gf



SS-1134



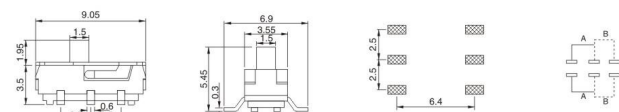
Contact type: 1P2T, travel: 2.0
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 200gf



SS-2218S



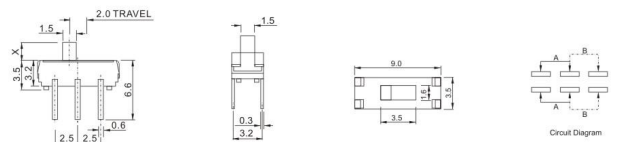
Contact type: 2P2T, travel: 2.0
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 200gf



SS-2218



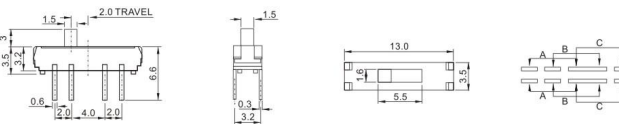
Contact type: 2P2T, travel: 2.0
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 200gf



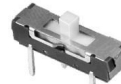
SS-2318



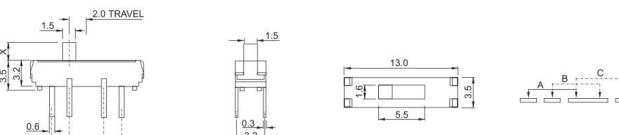
Contact type: 2P3T, travel: 2.0
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 200gf



SS-1321



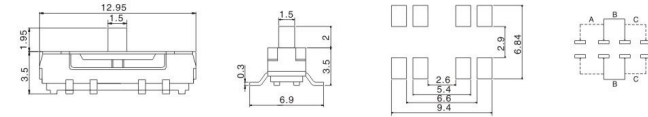
Contact type: 1P3T, travel: 2.0
1. The rated load DC 4V 300mA
2. Contact impedance: $\leq 50\text{m}\Omega$
3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
5. The service life of the: 10,000 cycles
6. The use of temperature: -25°C to 80°C
7. Use the humidity: $\leq 85\%$ RH
8. Operating force: 300gf



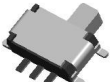
SS-2318S



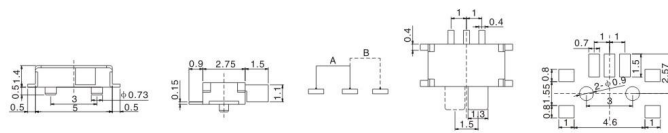
Contact type: 2PST, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 250gf



SK-1201B



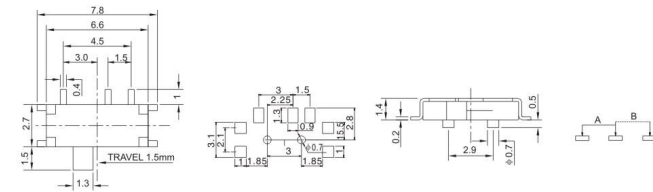
Contact type: 1P2T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 160gf



SK-1201A



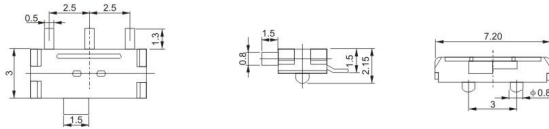
Contact type: 1P2T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 160gf



SK-1213



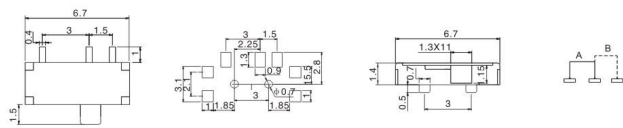
Contact type: 1P2T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 160gf



SK-1201



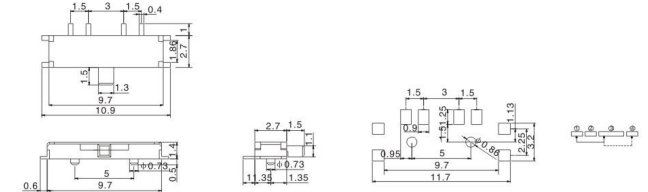
Contact type: 1P2T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 160gf



SK-1203



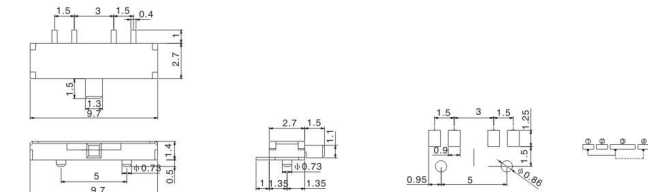
Contact type: 1P3T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1301



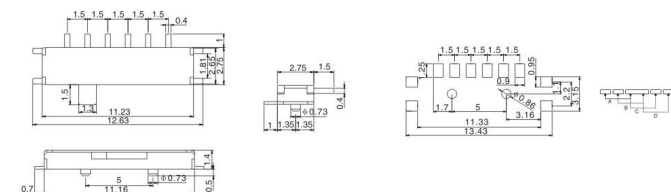
Contact type: 1P3T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1123



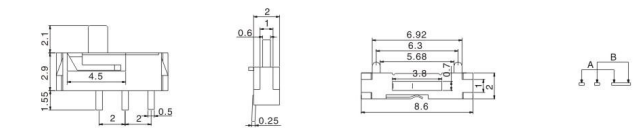
Contact type: 1P4T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1218A



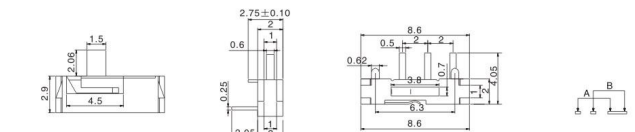
Contact type: 1P2T, Right to reset, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 150gf



SK-1218



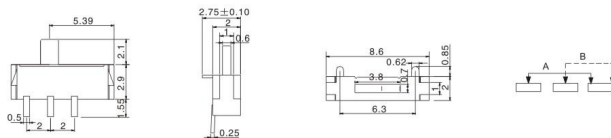
Contact type: 1P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 120gf



SK-1218B



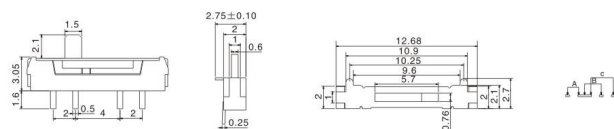
Contact type: 1P2T / Left reset, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 150gf



SK-1312



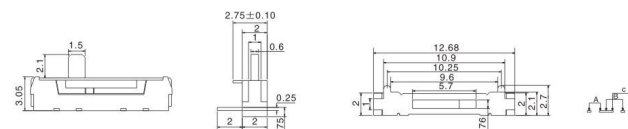
Contact type: 1P3T / reset, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 150gf



SK-1321A



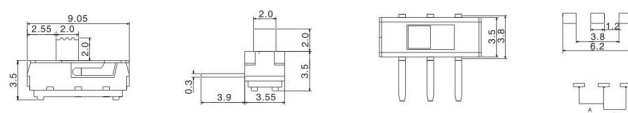
Contact type: 1P3T / reset, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1219



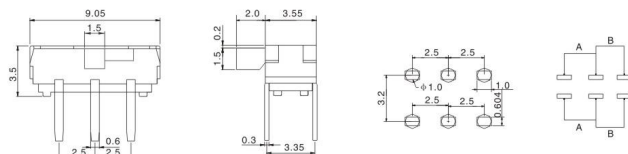
Contact type: 1P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-2218



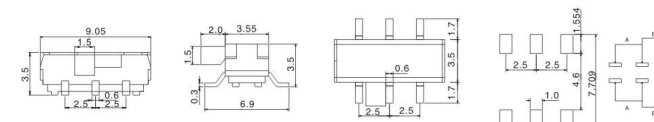
Contact type: 2P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1220A



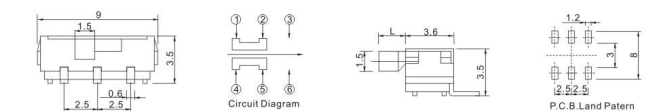
Contact type: 2P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1200



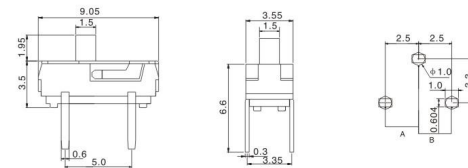
Contact type: 1P2T, travel: 1.5
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 180gf



SK-1217



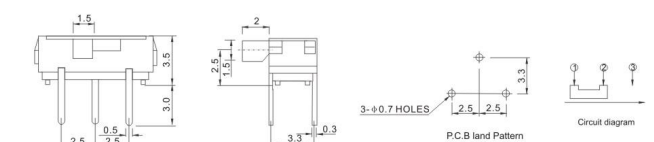
Contact type: 1P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-1220



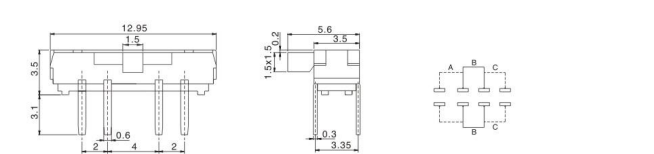
Contact type: 1P2T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 200gf



SK-2318



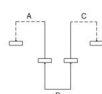
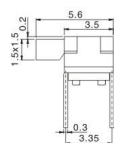
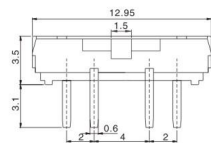
Contact type: 2P3T, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50\text{m}\Omega$
 3. Insulation impedance: $\geq 100\text{M}\Omega$ DC500V
 4. Resistance welding temperature: $250 \pm 5^\circ\text{C}$
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25°C to 80°C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 250gf



SK-1321



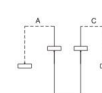
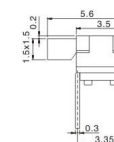
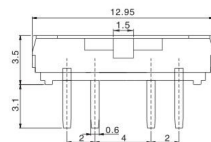
- Contact type: 1PST, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50m\Omega$
 3. Insulation impedance: $\geq 100m\Omega$ DC500V
 4. Resistance welding temperature: 250 ± 5 °5s
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25 °C to 80 °C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 300gf



SK-1321A



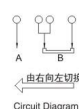
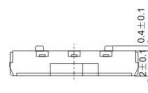
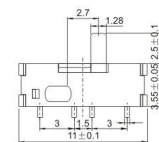
- Contact type: 1PST, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50m\Omega$
 3. Insulation impedance: $\geq 100m\Omega$ DC500V
 4. Resistance welding temperature: 250 ± 5 °5s
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25 °C to 80 °C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 300gf



SK-1210A



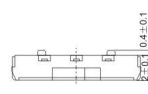
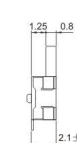
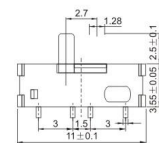
- Contact type: 1P2T/reset, travel: 2.7
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50m\Omega$
 3. Insulation impedance: $\geq 100m\Omega$ DC500V
 4. Resistance welding temperature: 250 ± 5 °5s
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25 °C to 80 °C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 250gf



SK-1210



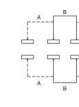
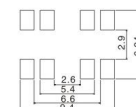
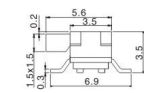
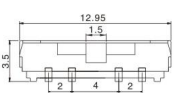
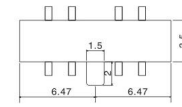
- Contact type: 1P2T/reset, travel: 2.7
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50m\Omega$
 3. Insulation impedance: $\geq 100m\Omega$ DC500V
 4. Resistance welding temperature: 250 ± 5 °5s
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25 °C to 80 °C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 250gf



SK-2318S

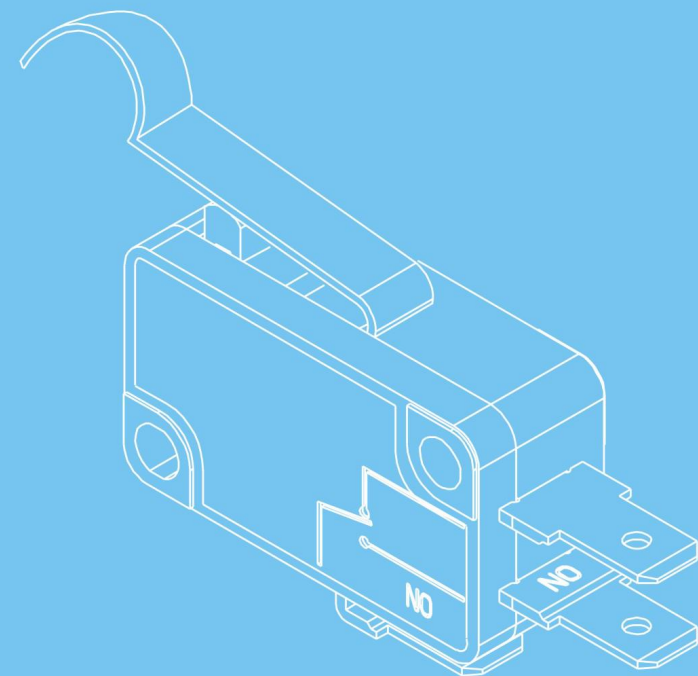


- Contact type: 2PST, travel: 2.0
 1. The rated load: DC 4V 300mA
 2. Contact impedance: $\leq 50m\Omega$
 3. Insulation impedance: $\geq 100m\Omega$ DC500V
 4. Resistance welding temperature: 250 ± 5 °5s
 5. The service life of the: 10,000 cycles
 6. The use of temperature: -25 °C to 80 °C
 7. Use the humidity: $\leq 85\%$ RH
 8. Operating force: 250gf

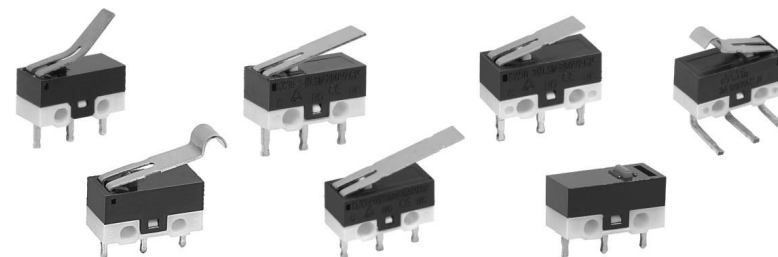
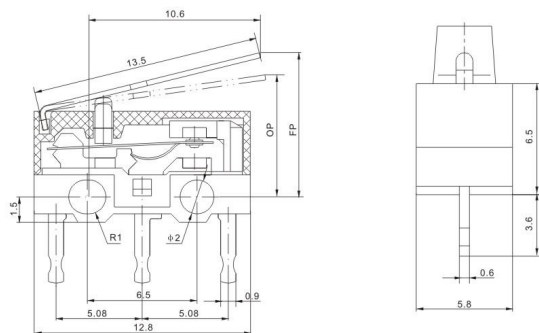
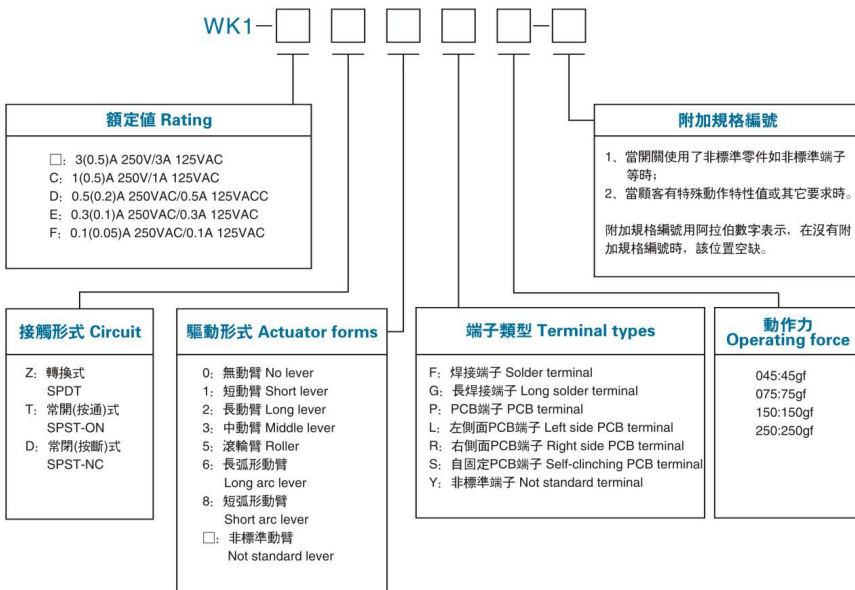


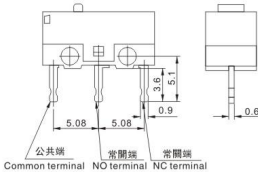
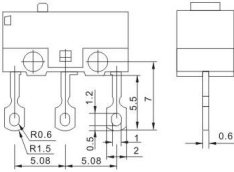
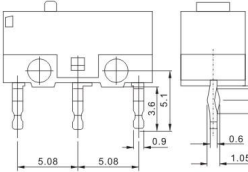
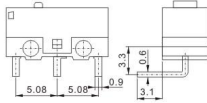
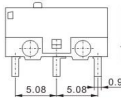
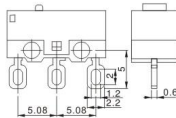
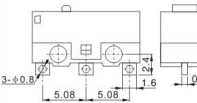
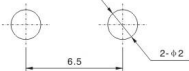
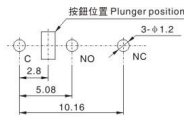
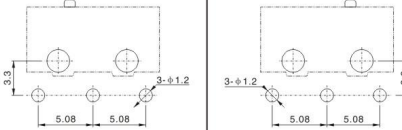
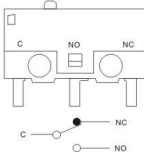
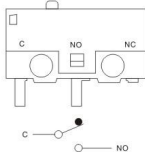
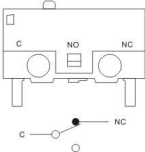
MICRO SWITCH SERIES

微動開關系列



MICRO SWITCH 微動開關 料號編碼原則



接線端尺寸 Terminal dimensions			
PCB端子 PCB Terminal	長焊接端子 Long solder terminal	自固定PCB端子 Self-clinching PCB terminal	
 <p>公共端 Common terminal</p> <p>常開端 NO terminal</p> <p>常閉端 NC terminal</p>			
左側面PCB端子 Left side PCB terminal	右側面PCB端子 Right side PCB terminal	焊接端子 Solder terminal	焊接小型端子 Minitype solder terminal
			
安裝孔尺寸圖 Mounting hole dimensions			
PCB端子 PCB Terminal	左側面PCB端子 Left side PCB terminal	右側面PCB端子 Right side PCB terminal	
	 <p>按鈕位置 Plunger position</p>		
接觸形式說明圖 Circuit illustration			
轉換式SPDT	常開(按通)式SPST-NO	常閉(按斷)式SPST-NC	
			

MICRO SWITCH 微動開關 料號編碼原則



WK2

彈簧形式 Spring Type

無標記 No mark:
黃片 Spring (此系列只有5A)
S: 拉簧 Pull Spring

額定值 Rating

無標記 No mark:
5A 250V AC/125V AC
A: 10A 250V AC

接觸形式 Circuit

Z: 轉換式 SPDT
T: 常開 (按通) 式 SPST-NO
D: 常閉 (按斷) 式 SPST-NC

驅動形式 Actuator forms

O: 無動臂 No lever
1: 短動臂 Short lever
2: 長動臂 Long lever
3: 中動臂 Middle lever
5: 滾動臂 Roller
6: 弧形動臂 Arc lever
□: 非標準動臂 Not standard lever
注: □表示非標準動臂的代號,
詳見動臂尺寸圖。

附加規格編號和外殼顏色代號, 適用於:

- 1、當開關使用了非標準零件如非標準端子等時;
- 2、當顧客有特殊動作特性值或其它要求時。

附加規格編號用阿拉伯數字表示, 在沒有附加規格編號時, 該位置空缺。

按鈕規格 Plunger specs

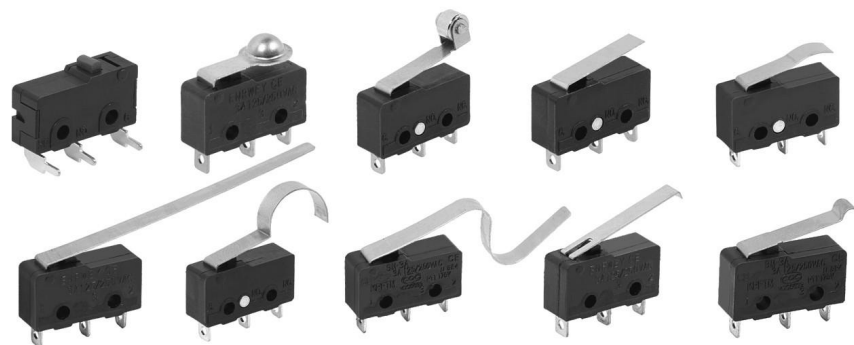
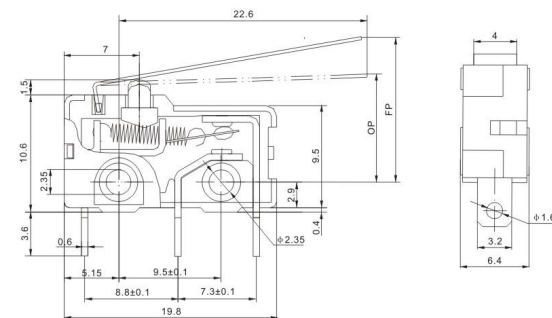
黃片系列
無標記: 標準按鈕 (1.7mm)
A: 短按鈕 (1.2mm)
D: 异形按鈕 (3mm)
拉簧系列
無標記: 標準按鈕 (1.5mm)
A: 短按鈕 (1.3mm)
B: 長按鈕 (3mm)
D: 异形按鈕 (3.9mm)

動作力 Operating force

100: 100gf
150: 150gf
200: 200gf
300: 300gf
注: 若是非動作動作力, 用此動作力上限值表示。

端子類型 Terminal types

F: 焊接端子 Solder terminal
P: PCB端子 PCB terminal
L: 左側面PCB端子 Left side PCB terminal
R: 右側面PCB端子 Right side PCB terminal
T: 110快接端子 Quick-connect terminal
Y: 非標準端子 Not standard terminal

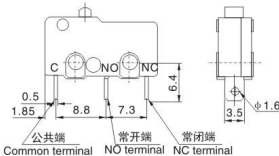
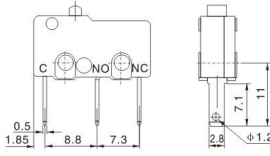
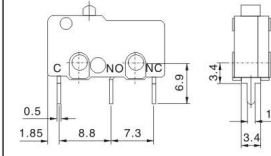
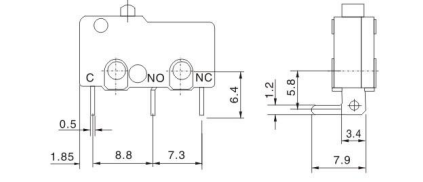
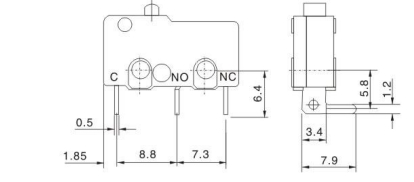
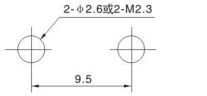
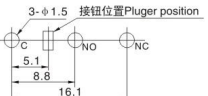
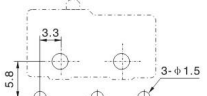
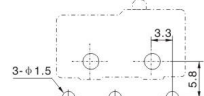
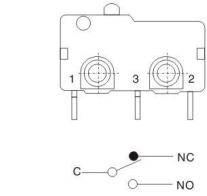
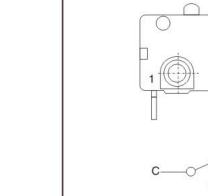
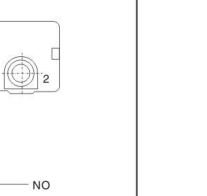


按鈕規格說明圖 Plunger spec illustration (拉簧系列)

無標記:	A	D

按鈕規格說明圖 Plunger spec illustration (黃片系列)

無標記:	A	B	D

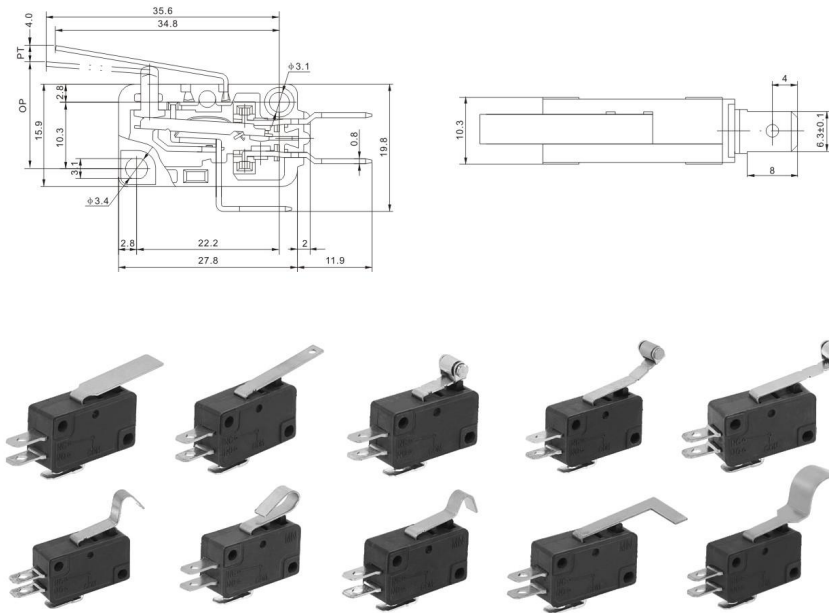
接綫端尺寸 Terminal dimensions			
<p>焊接端子 Solder Terminal</p>  <p>0.5 1.85 8.8 7.3 6.4 3.5 φ1.6</p> <p>公共端 Common terminal</p> <p>常開端 NO terminal</p> <p>常閉端 NC terminal</p>	<p>快捷端子#110 Quick connect terminal#110</p>  <p>0.5 1.85 8.8 7.3 7.1 11 2.8 φ1.2</p>	<p>PCB端子 PCB terminal</p>  <p>0.5 1.85 8.8 7.3 6.9 3.4 1.2 3.4</p>	
<p>左側面PCB端子 Left side PCB terminal</p>  <p>0.5 1.85 8.8 7.3 6.4 1.2 5.8 3.4 7.9</p>		<p>右側面PCB端子 Right side PCB terminal</p>  <p>0.5 1.85 8.8 7.3 6.4 1.2 5.8 3.4 7.9</p>	
安裝孔尺寸圖 Mounting hole dimensions			
 <p>2-φ2.6或2-M2.3 9.5</p>	<p>PCB端子 PCB terminal</p>  <p>3-φ1.5 5.1 8.8 16.1</p> <p>接插位置Plunger position</p>	<p>左側面PCB端子 Left side PCB terminal</p>  <p>3-φ1.5 3.3 8.8 16.1 5.8</p>	<p>右側面PCB端子 Right side PCB terminal</p>  <p>3-φ1.5 3.3 8.8 16.1 5.8</p>
接觸形式說明圖 Circuit illustration			
<p>轉換式 SPDT</p>  <p>1 3 2</p> <p>NC</p> <p>NO</p>	<p>常開(按通)式 SPST-NO</p>  <p>1 3 2</p> <p>NO</p>	<p>常閉(按斷)式 SPST-NC</p>  <p>1 3 2</p> <p>NC</p>	

MICRO SWITCH 微动开关

料号编码原则



額定值 Rating 25:25(4)A 250VAC 16:16(4)A 250VAC/16A125VAC 10:10(3)A 250VAC/10A125VAC 5:5(2)A 250VAC/5A125VAC 1:1(0.3)A 250VAC/1A125VAC	接觸形式 Circuit Z: 轉換式 SPDT T: 常開(接插)式 SPST-NO D: 常閉(接插)式 SPST-NC	驅動形式 Actuator forms 0: 無動臂No lever A1/1: 短動臂Short lever A2/2: 長動臂Long lever A3/3: 中動臂Middle lever A4/4: 短滾輪臂Short roller A5/5: 長滾輪臂Long roller A6/6: 弧形動臂Arc lever A□□: 非標準動臂Not standard lever 注: 1)A表示動臂安裝在靠近按鈕的位置。 無字母A表示動臂安裝在離按鈕較遠的位置。 2)□表示非標準動臂的代號, 詳見動臂尺寸圖。	附加規格編號和外殼顏色代號, 適用於: 1. 當開關使用了非標準零件如非標準端子等時; 2. 當顧客有特殊動作特性值或其它要求時。 3. 當開關外殼顏色不是默認的灰色時, 如黑色用B表示。 附加規格編號用阿拉伯數字表示, 在沒有附加規格編號時, 該位置空缺。
端子類型 Terminal types A: 250快捷端子 Quick-connect terminal B: 187快捷端子 (厚0.80mm) C: 187快捷端子 (厚0.5mm) D: 焊接/187共用端子 Solder/187 common terminal E: 螺孔端子Screw terminal F: 焊接端子Solder terminal L: 左側面PCB端子 Left side PCB terminal R: 右側面PCB端子 Right side PCB terminal H: 250快捷端子之二 Y: 非標準端子 Not standard terminal	外殼材質 Case material 無標記No mark: 熱塑性 G: 熱固性	接觸間隙 Contact gap 無標記 No mark: 0.5mm X: 1mm Y: 3mm	按鈕規格 Plunger specs 無標記: 標準按鈕 (2.8mm) A: 短按鈕 (2.6mm) B: 中長按鈕 (3.2mm) C: 長按鈕 (6.2mm) D: 平端按鈕 (3.8mm)
外形特徵 Outline characteristic 無標記No mark: 基本形 B: 平端形 C: 公共端側面形	動作力 Operating force 015: 15gf 025: 25gf 050: 50gf 100: 100gf 150: 150gf 200: 200gf 300: 300gf 400: 400gf	WK3	



按鈕規格說明圖 Plunger spec illustration

無標記:	A	B	C	D

外形特徵說明圖 Outline characteristic illustration

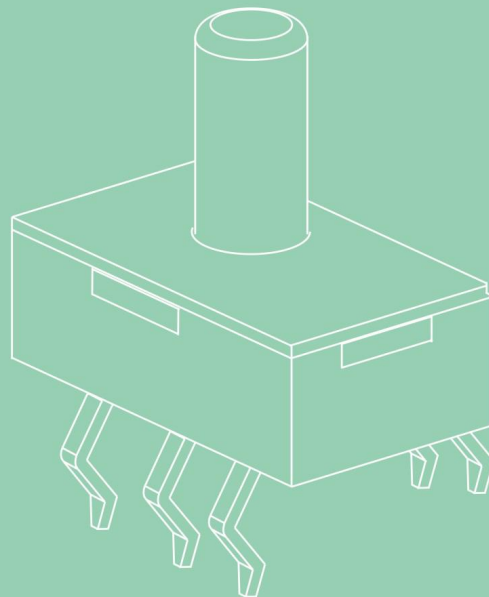
基本型Basic form	平端型Flat form	公共端側面形 Side common terminal

接線端尺寸 Terminal dimensions

端子種類	快捷端子#250 Quick connect terminal #250	快捷端子#187(t=0.8) Quick connect terminal #187	快捷端子#187(t=0.5) Quick connect terminal #187	焊接/快捷#187公用端子 Solder/Quick connect terminal #187
下公共端 Bottom Common terminal				
側公共端 Side Common terminal				
端子尺寸 Terminal dimensions				
左側面PCB端子 Left side PCB terminal	右側面PCB端子 Right side PCB terminal	焊接端子 Solder terminal	螺孔端子 Screw terminal	快捷端子#250之二 Quick connect terminal #250 No.2
安裝孔尺寸圖 Mounting hole dimensions				

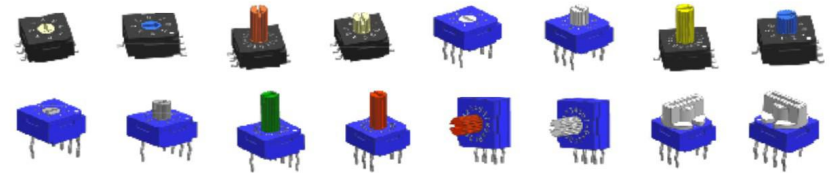
ROTARY CODED SWITCH SERIES

編碼開關系列



KKG

R9 Series — Rotary Coded Switch



Features

- Sealed Construction; No Tape Seal Required.
- Surface Mount or Thru-Hole Style.
- Tube or Tape and Reel Packaging.
- Octal, BCD, and Hexadecimal Code.
- In Real or Complement.
- Standard and Right Angle Mount.
- Flush or Extended Actuators.
- Gold-Plated Contacts.
- Waterproof meet Ip67.

Specifications

- Contact Rating
Switching: 5VDC 20mA (Min. AC/DC 20mA)
Non Switching: Max. 50VDC 100mA
- Contact Resistance: 100mΩ Max
- Insulation Resistance: 1,000MΩ Min. at 100VDC
- Dielectric Strength: 250VAC for 1 minute
- Operating Force: 400gf/cm Max. (Standard)
200gf/cm Max. (N type)
- Life: 20,000 Steps
- Operating Temperature: -40°C~+85°C
: -40°C~+125°C(Reflow Soldering)
- Storage Temperature: -40°C~+85°C
- Wave Soldering: 270°C 5 Sec. Max.
- Reflow Soldering: 260°C 10~30 Sec. Max.
- Hand Soldering: 350°C 3 Sec. Max

Position



Code Format

No. of positions		(08 positions)								(16 positions)							
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Code	Position	8															
	Real code	4															
	2	1															
	1																
Complementary code	8																
	4																
	2																
	1																

Package

P/N	No. Of Pole	Quantity per Tube	P/N	No. Of Pole	Quantity per Tube
R92_H/T/S	08 / 10 / 16	50	R9_0/1S-R	08 / 10 / 16	600
R92_V/Y	08 / 10 / 16	45	R9_2/3S-R	08 / 10 / 16	350
R93_H/T/S	08 / 10 / 16	50	R9_7S-R	08 / 10 / 16	200
R93_V/Y	08 / 10 / 16	45	R9_7H/T-R	08 / 10 / 16	140
R94_H/T/S	08 / 10 / 16	50			
R94_V	08 / 10 / 16	45			

Knob Order Information

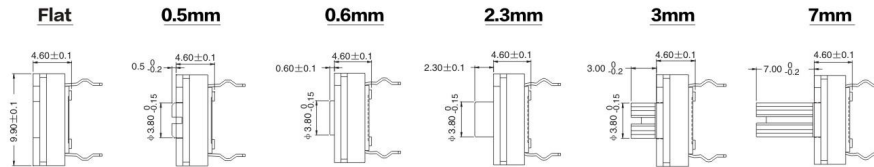


Order Information

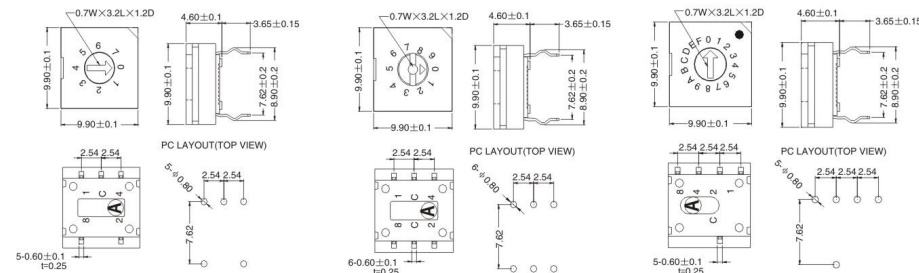
None=Tube Contact area with Gold-plated Terminal with Tin-plated	R9	K	3	10	R	0	S	N	-R	-U	Halogen Free None=Standard U=Halogen Free	Package None=Standard R=Tape & Reel
Special Code None=Standard K=Black(Thru-Hole) W=White											Operating Force None=400gf/cm Max. (Standard) N=200gf/cm Max.	
Pin Out 2=3+2pin 3=3+3pin 4=4+1pin											Terminal Type H=Thru Hole S=SMD V=Right Angle 2.54mm (Thru hole) Y=Right Angle 5.08mm (Thru hole) T=Thru Hole for Reflow Soldering	
No. of positions 08:8 positions 10:10 positions 16:16 positions											Rotor Style 0=Flat(Arrow) 1=0.5mm(Minus Slot) 3=3mm(Minus Slot) 7=7mm(Minus Slot) 1A=0.6mm(Minus Slot with side arrow) 2A=2.3mm(Minus Slot with side arrow) 7A=7mm(Minus Slot with side arrow)	
Code: R=Real Code C=Complement Code												

R9 Series — Rotary Coded Switch

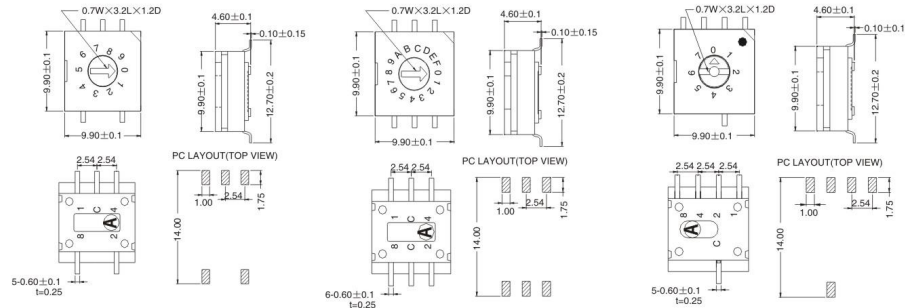
● Rotor



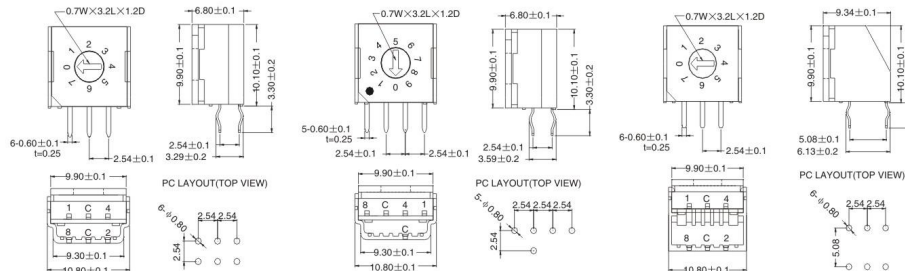
● R9—H (Thru-Hole)



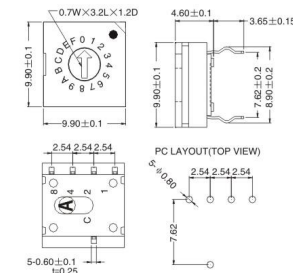
● R9—S (SMD)



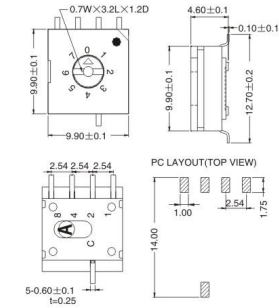
● R9—V (Right Angle 2.54mm)



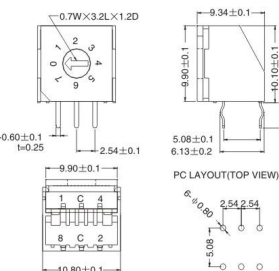
● *A type rotor



● *A type rotor



● R9—Y (Right Angle 5.08mm)



R7 Series — Miniature Rotary Coded Switch



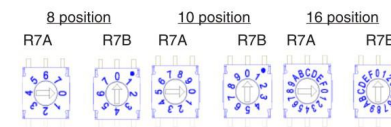
Features

- Miniature Size, with Stainless Steel cover.
- Sealed Construction; No Tape Seal Required.
- Center Common terminal pins location.
- Surface Mount or Thru-Hole Style.
- Tube or Tape and Reel Packaging.
- Octal, BCD, and Hexadecimal Code.
- In Real or Complement.
- Standard and Right Angle Mount.
- Flush or Extended Actuators.
- Standard: Gold-Plated type
- Waterproof meet IP67.

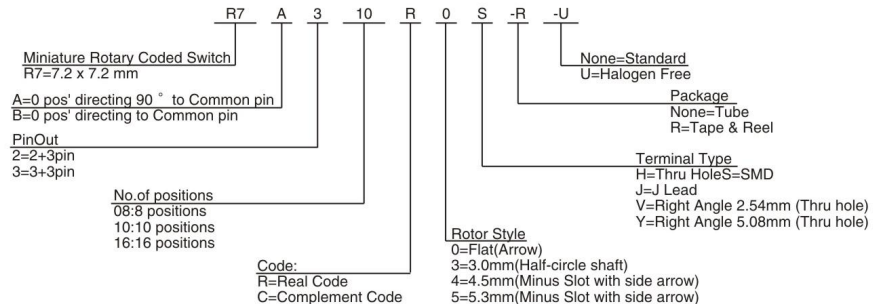
Specifications

- Contact Rating
Switching: 5VDC 100mA (Min. AC/DC 20mV 1μA)
Non Switching: Max. 50VDC 100mA
- Contact Resistance: 100mΩMax
- Insulation Resistance: 1,000MΩMin. at 100VDC
- Dielectric Strength: 250VAC for 1 minute
- Operating Force: 2N Max.
- Life: 10,000 Steps
- Operating Temperature: -40°C~+85°C
: -40~+125(Reflow Soldering)
- Storage Temperature: -40°C~+85°C
- Wave Soldering: 270°C 5 Sec. Max.
- Reflow Soldering: 260°C 10~30 Sec. Max.
- Hand Soldering: 350°C 3 Sec. Max

Position

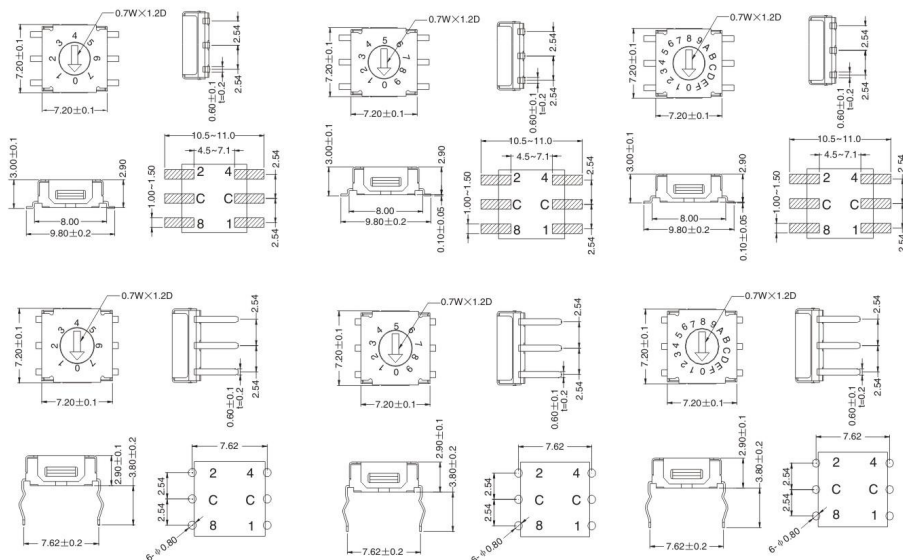


Order Information

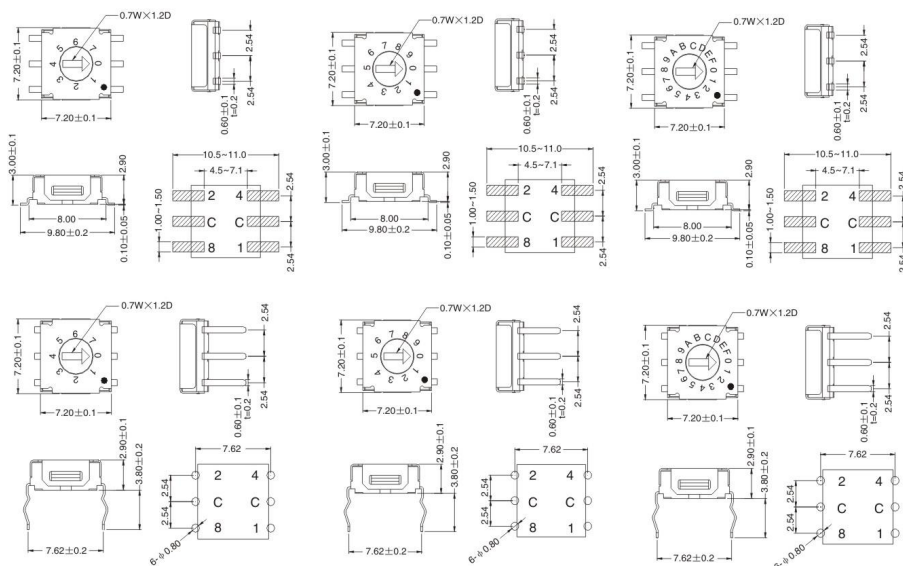


R7 Series — Miniature Rotary Coded Switch

- **R7A**



● R78



RS8 Series — Rotary Selector Switch



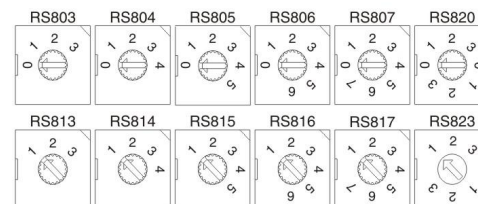
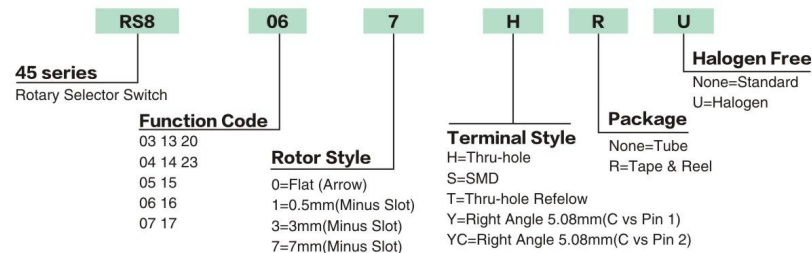
Features

- Washable Meet IP67
- Gold plated contactor
- RoHS & REACH compliant
- Surface Mount & Thru-Hole style
- Flash & more versionextended Rotor & Knob

Electrical Characteristics

- Contact rating
Non-switching: DC 50V 10mA
Switching: DC 5V 100mA
Minimum: DC 20mV 1 μ A
- Contact timing: Non-shorting
- Contact resistance (initial/after operating life): 60m Ω /100m Ω
- Insulation resistance: 100M Ω (DC 100V)/Max
- Dielectric strength: 300VAC/1 minute

Order Information



Rotor Style

Flat	0.5mm	3mm	7mm

Standard Specifications

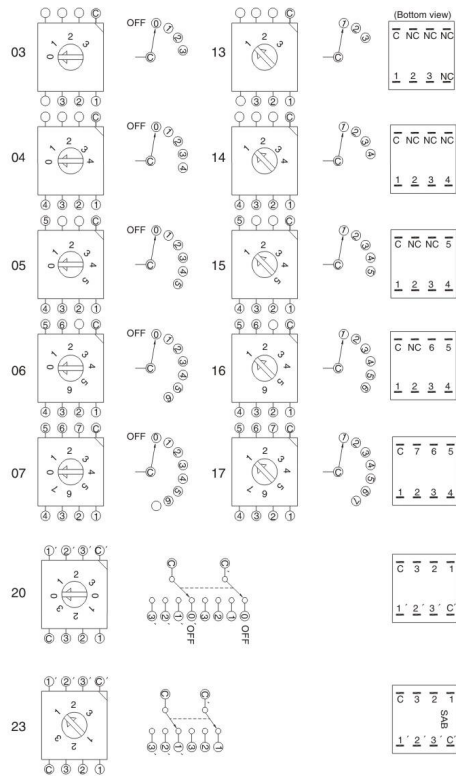
- Operating temperature range: -40℃~ +85℃
- (Reflow soldering): -40℃~ +125℃
- Storage temperature range: -25℃~ +70℃
- Sealing: Washable by "O" ring
- Mechanical Life: 20,000 Steps

Soldering Information

- Wave soldering: 270°C 5 Sec.Max.
- Reflow Soldering: 260°C 10~30 Sec.Max.
- Hand Soldering: 350°C 3 Secs.Max

RS8 Series — Rotary Selector Switch

● Schematic & Terminal Connection



● Package

P/N	Function Code	Quantity per Tube
RS8_H/T	03,04,05,06,07	50
RS8_H/T	13,14,15,16,17	50
RS8_H/T	20,23	50
RS8_S	03,04,05,06,07	50
RS8_S	13,14,15,16,17	50
RS8_S	20,23	50
RS8_Y	03,04,05,06,07	50
RS8_Y	13,14,15,16,17	50
RS8_Y	20,23	50
P/N	Function Code	Quantity per Tube
RS8_0/1S-R	03,04,05,06,07	600
RS8_0/1S-R	13,14,15,16,17	600
RS8_0/1S-R	20,23	600
RS8_3S-R	03,04,05,06,07	350
RS8_3S-R	13,14,15,16,17	350
RS8_3S-R	20,23	350
RS8_7S-R	03,04,05,06,07	200
RS8_7S-R	13,14,15,16,17	200
RS8_7S-R	20,23	200
RS8_7H/T-R	03,04,05,06,07	140
RS8_7H/T-R	13,14,15,16,17	140
RS8_7H/T-R	20,23	140

● Dummy Terminals

3 positions	④⑤⑥⑦
4 positions	⑤⑥⑦
5 positions	⑥⑦
6 positions	⑦
7 positions	—

* NC= Dummy terminal

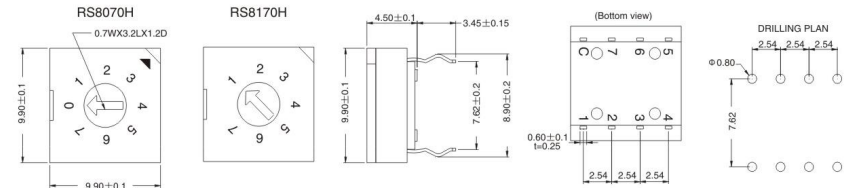
● Knob Order Information

KR1	08
KR2	Knob Color
KR3	00 : Blue
	02 : Green
	03 : Light Grey
	04 : Yellow
	05 : Dark Grey
	08 : Red
	09 : Black

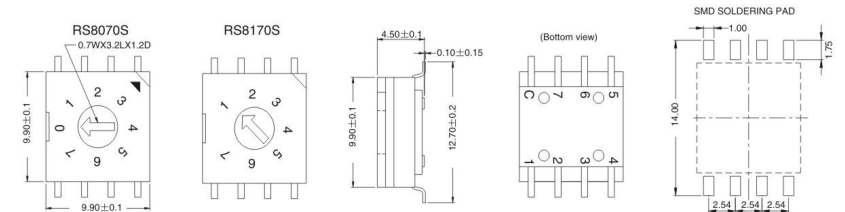
RS8 Series — Rotary Selector Switch

Outline Dimensions

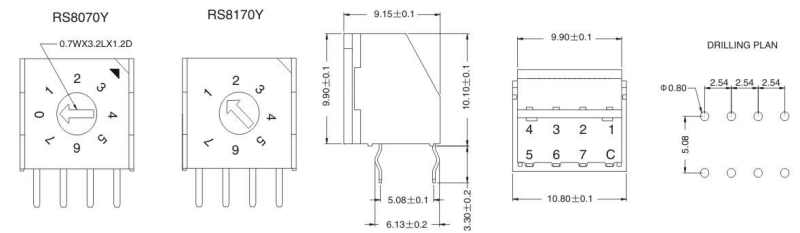
● RS803~07/13~17/20,23_H (Thru-Hole)



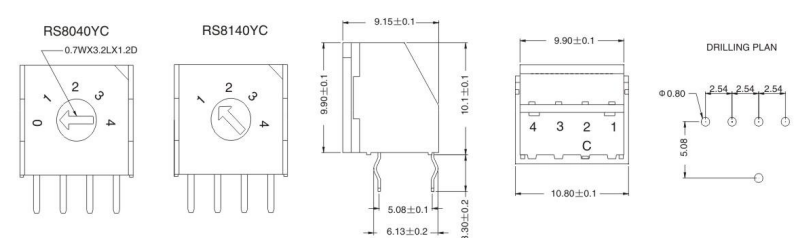
● RS803~17/13~17/20,23_S (SMD)



● RS803~07/13~17/20,23_Y (Right Angle 5.08mm, C vs Pin 1)

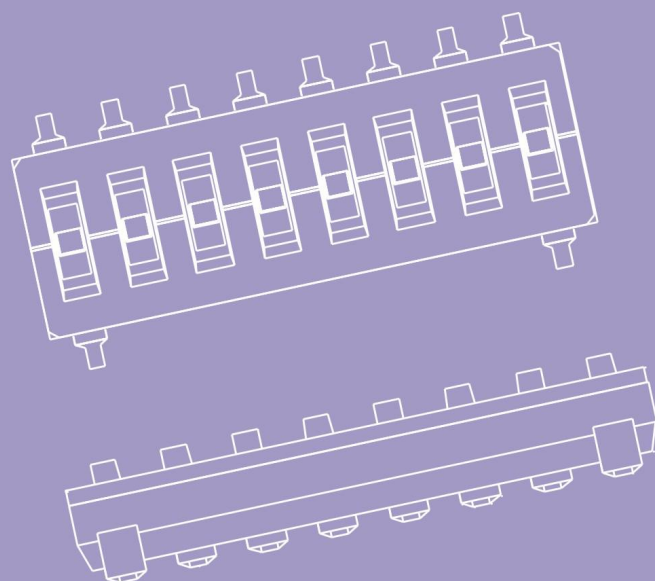


● RS8_4_YC (Right Angle 5.08mm, C vs Pin 2)

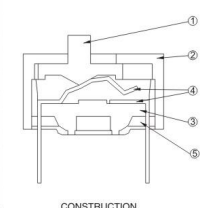
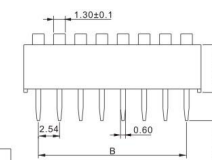
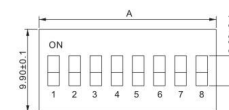
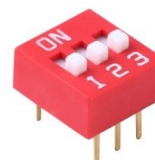


DIP SWITCH SERIES

撥碼開關系列

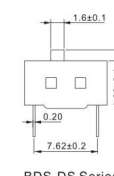


DIP-DS(R)

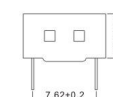


Prod NO.	No. of POS	DIM. A	DIM. B
DS/DSR-01	01	3.84	—
DS/DSR-02	02	6.08	2.54
DS/DSR-03	03	8.92	5.08
DS/DSR-04	04	11.16	7.62
DS/DSR-05	05	13.70	10.16
DS/DSR-06	06	16.24	12.70
DS/DSR-07	07	19.08	15.24
DS/DSR-08	08	21.32	17.78
DS/DSR-09	09	24.16	20.32
DS/DSR-10	10	26.40	22.86
DS/DSR-12	12	31.48	27.94

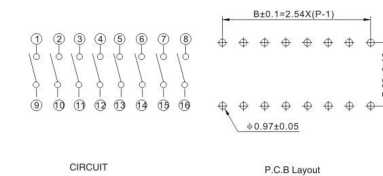
BDS-DS(R)-(XX)-(Color)-R
 Actuator:
 () : Raised Actuator
 R : Recessed Actuator
 Color of cover:
 BL: Blue
 R: Red
 B: Black
 Positions:
 01-10, 12



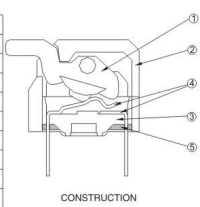
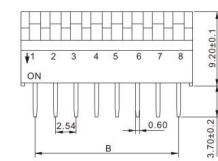
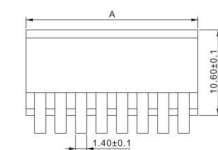
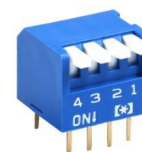
BDS-DS Series



BDS-DSR Series

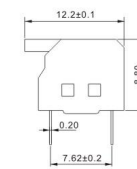


DIP-DP(L)

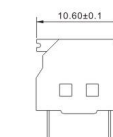


Prod NO.	No. of POS	DIM. A	DIM. B
DPL-01	01	4.00	0
DP/DPL-02	02	6.08	2.54
DP/DPL-03	03	8.92	5.08
DP/DPL-04	04	11.16	7.62
DP/DPL-05	05	13.70	10.16
DP/DPL-06	06	16.24	12.70
DP/DPL-07	07	19.08	15.24
DP/DPL-08	08	21.32	17.78
DP/DPL-09	09	24.16	20.32
DP/DPL-10	10	26.40	22.86
DP/DPL-12	12	31.48	27.94

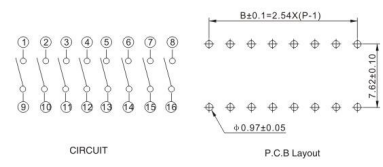
BDS-DP(L)-(XX)-(Color)-R
 Key:
 () : Short Key
 L : Long Key
 Positions:
 01-10, 12
 Color of cover:
 BL: Blue
 R: Red
 B: Black



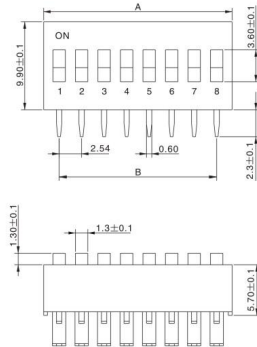
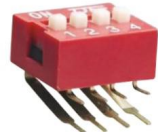
BDS-DP Series



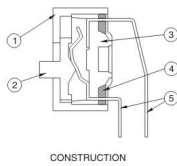
BDS-DPL Series



DIP-DA®



ProdNo.	No. of POS	DIM. A	DIM. B
DA/DAR-02	02	6.02	2.54
DA/DAR-03	03	8.92	5.08
DA/DAR-04	04	11.16	7.62
DA/DAR-05	05	13.70	10.16
DA/DAR-06	06	16.24	12.70
DA/DAR-07	07	19.08	15.24
DA/DAR-08	08	21.32	17.78
DA/DAR-09	09	24.16	20.32
DA/DAR-10	10	26.40	22.86
DA/DAR-12	12	31.48	27.94



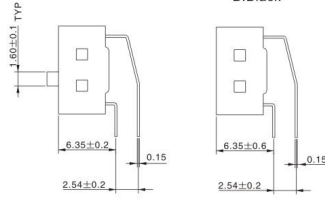
CONSTRUCTION

BDS-DA(R)-(XX)-(Color)-R-V

Key:
() : Long Key
R : Short Key

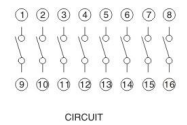
Positions:
02-10, 12

Color of cover:
BL: Blue
R: Red
B: Black

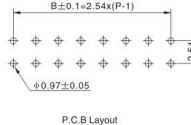


BDS-DA Series

BDS-DAR Series

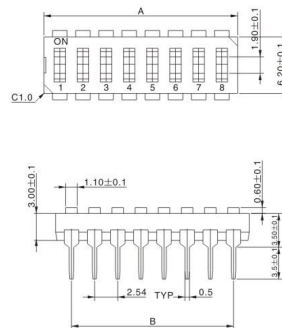
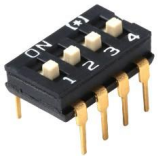


CIRCUIT

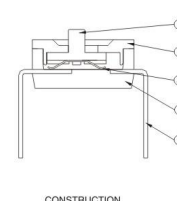


P.C.B Layout

DIP-NDI(R)



ProdNo.	No. of POS	DIM. A	DIM. B
NDI/NDIR-02	02	6.02	2.54
NDI/NDIR-03	03	8.56	5.08
NDI/NDIR-04	04	11.10	7.62
NDI/NDIR-05	05	13.64	10.16
NDI/NDIR-06	06	16.18	12.70
NDI/NDIR-07	07	18.72	15.24
NDI/NDIR-08	08	21.26	17.78
NDI/NDIR-09	09	23.80	20.32
NDI/NDIR-10	10	26.34	22.86
NDI/NDIR-12	12	31.42	27.94



CONSTRUCTION

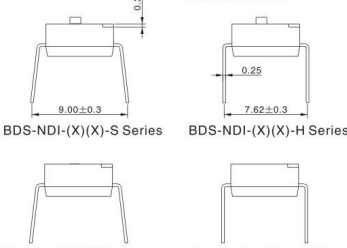
BDS-NDI(R)-(XX)(T)(S/H)-R-V

Key:
() : Long Key
R : Short Key

Positions:
02-10, 12

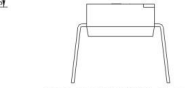
Terminal Type:
S: Splay Terminal
H: Straight Terminal

() : Regular
T: Top tape sealed

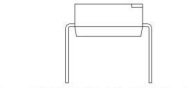


BDS-NDI(X)(X)-S Series

BDS-NDI(X)(X)-H Series

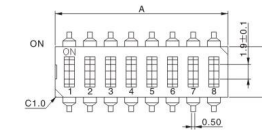


CIRCUIT



P.C.B Layout

DIP-DM(R)



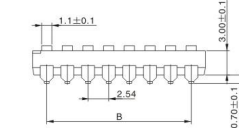
BDS-DM(R)-(XX)(T)-R(X)-V

Actuator Type:
() : Raised Actuator
R : Recessed Actuator

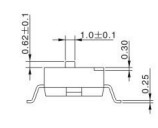
Package:
() : Tube
RP : Reel

Positions:
02-10, 12 Position

() : Regular
T : Top tape sealed

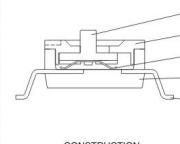


BDS-DMR Series

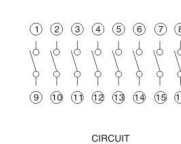


BDS-DM Series

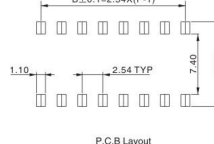
Prod No.	No. of pos	DIM. A	DIM. B
DM/DMR-02	02	6.02	2.54
DM/DMR-03	03	8.56	5.08
DM/DMR-04	04	11.10	7.62
DM/DMR-05	05	13.64	10.16
DM/DMR-06	06	16.18	12.70
DM/DMR-07	07	18.72	15.24
DM/DMR-08	08	21.26	17.78
DM/DMR-09	09	23.80	20.32
DM/DMR-10	10	26.34	22.86
DM/DMR-12	12	31.42	27.94



CONSTRUCTION

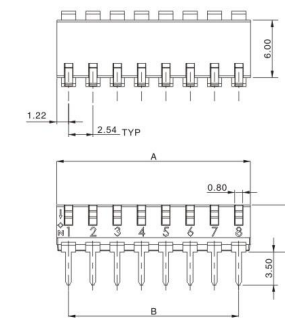
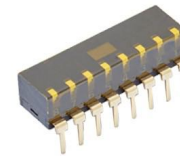


CIRCUIT



P.C.B Layout

DIP-EPI(R)

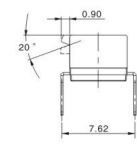


BDS-EPI(R)-(XX)(F)-V

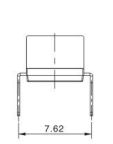
Actuator Type:
() : Raised Actuator
R : Recessed Actuator

Positions:
02, 04, 06

F = Push Down OFF
() = Push Down ON

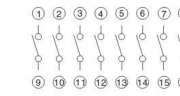


BDS-EPI Series

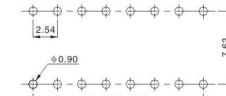


BDS-EPIR Series

PROD.No.	No. OF POS.	DIM. A	DIM. B
EPI(R)-10-V	10	25.30	22.86
EPI(R)-08-V	8	20.22	17.78
EPI(R)-06-V	6	15.14	12.70
EPI(R)-04-V	4	10.06	7.62
EPI(R)-02-V	2	4.98	2.54

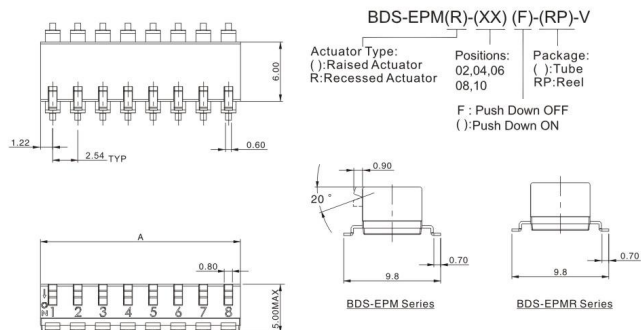


CIRCUIT

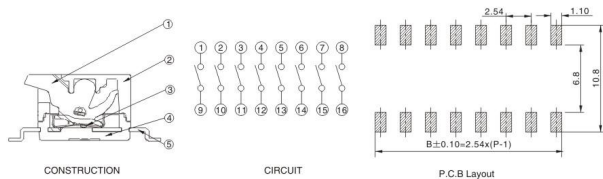


P.C.B Layout

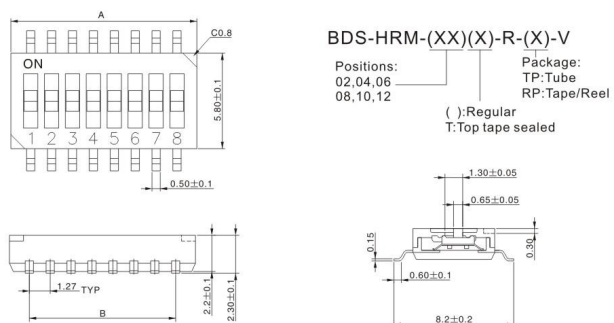
DIP-EPM(R)



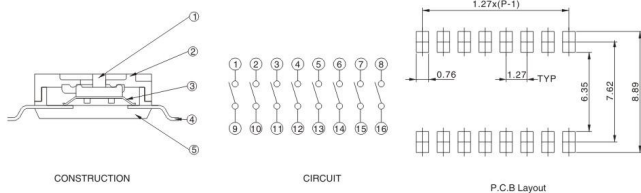
PROD. NO.	No. OF POS.	DIM. A	DIM. B
EPM(R)-10-V	10	25.30	22.86
EPM(R)-08-V	8	20.22	17.78
EPM(R)-06-V	6	15.14	12.70
EPM(R)-04-V	4	10.06	7.62
EPM(R)-02-V	2	4.98	2.54



DIP-HRM(R)

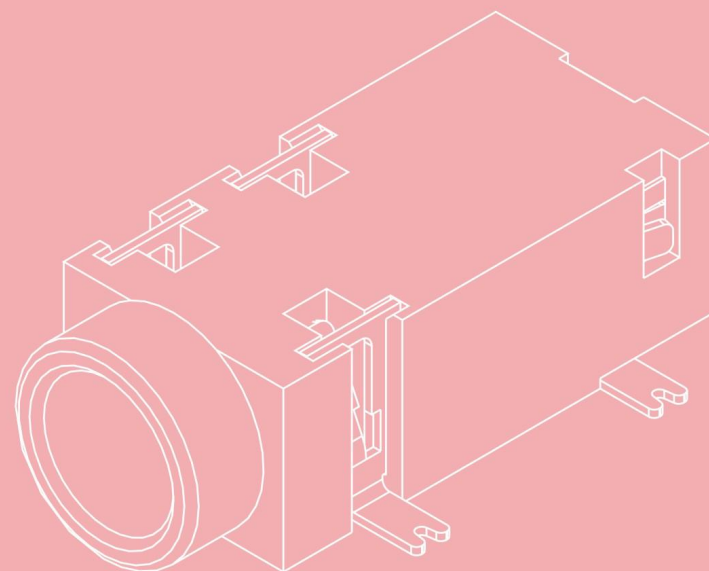


PROD. NO.	NO. OF POS.	DIM. A	DIM. B
HRM-02	2	3.68	1.27
HRM-04	4	6.22	3.81
HRM-06	6	8.76	6.35
HRM-08	8	11.30	8.89
HRM-10	10	13.84	11.43
HRM-12	12	16.38	13.97

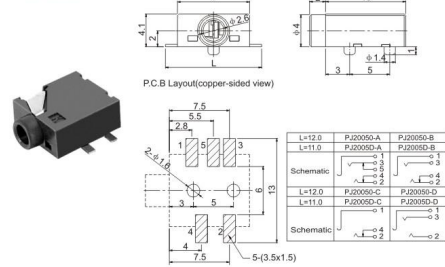


PHONE JACK SERIES

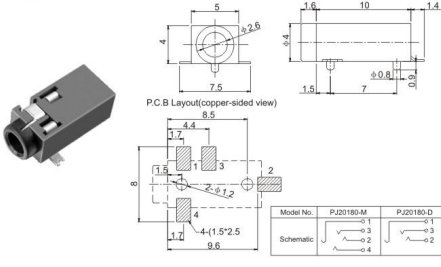
耳機插座系列



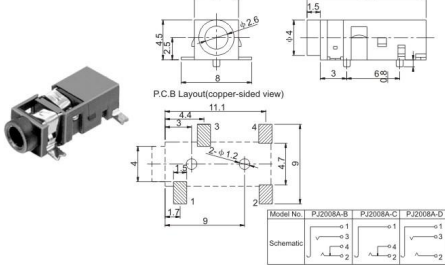
PJ205



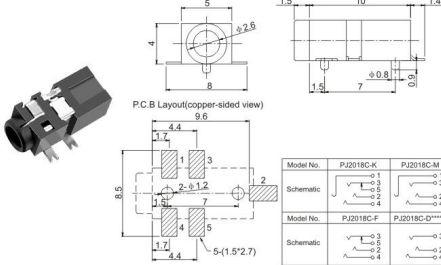
PJ218



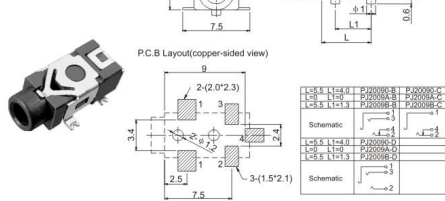
PJ208A



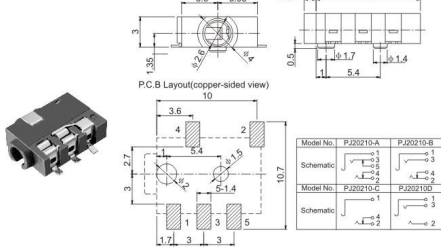
PJ218C



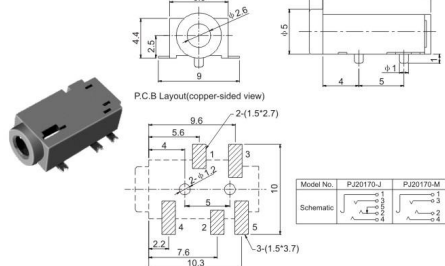
PJ209
PJ209A
PJ209B



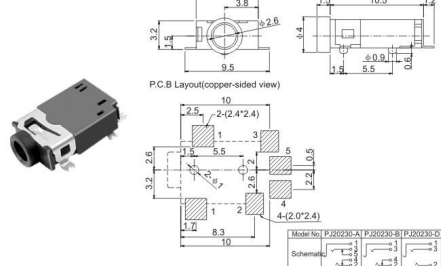
PJ221



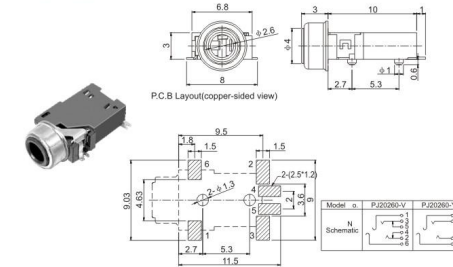
PJ217



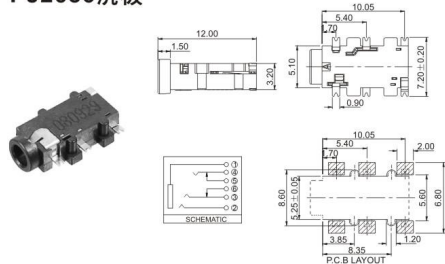
PJ223



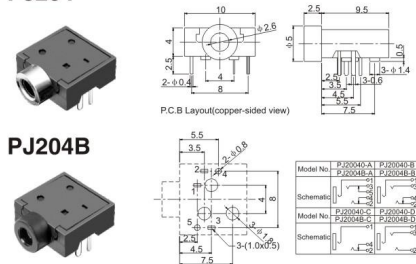
PJ2260



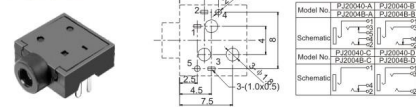
PJ2059沉板



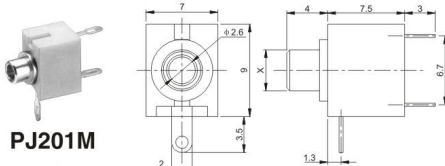
PJ204



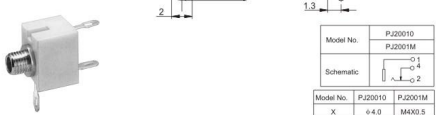
PJ204B



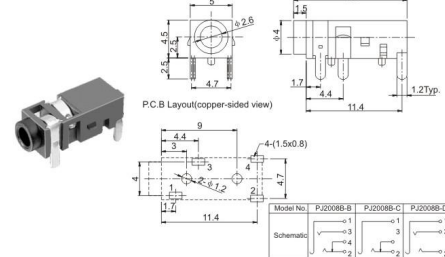
PJ201



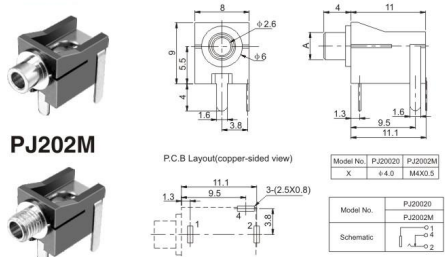
PJ201M



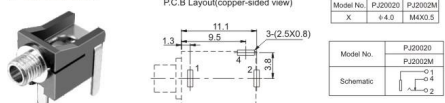
PJ208B



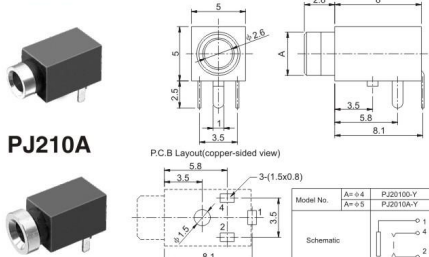
PJ202



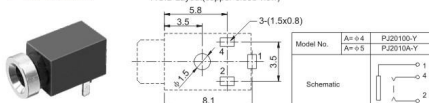
PJ202M



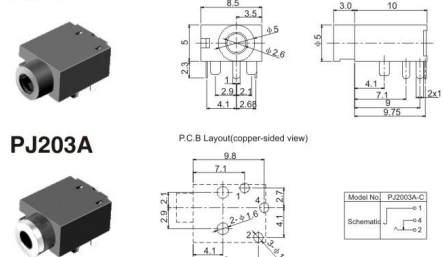
PJ210



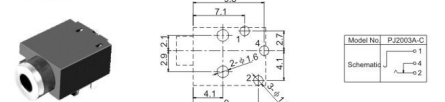
PJ210A



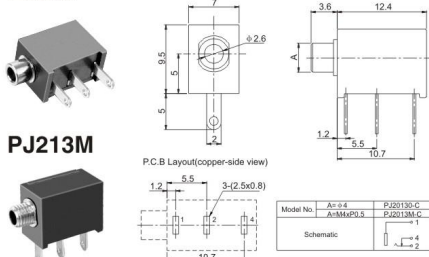
PJ203



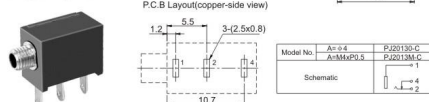
PJ203A



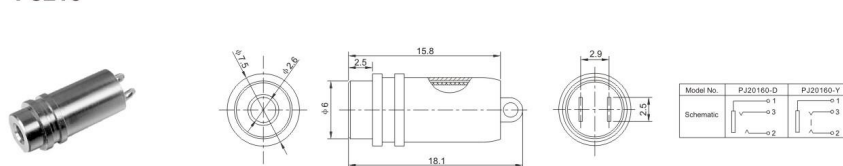
PJ213



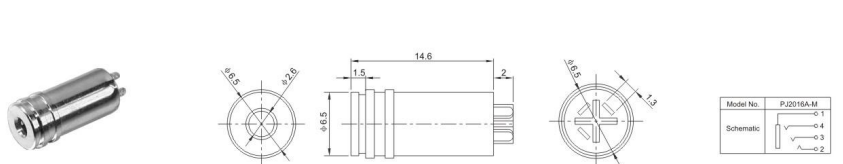
PJ213M



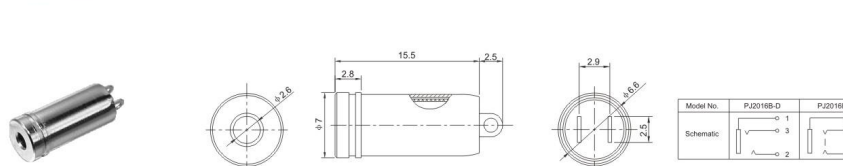
PJ216



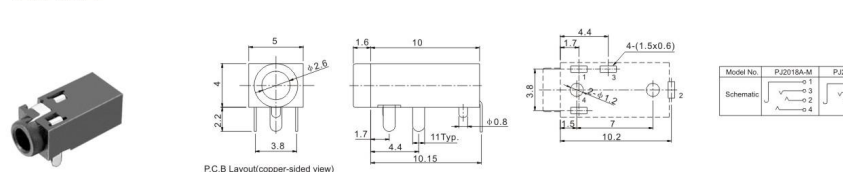
PJ216A



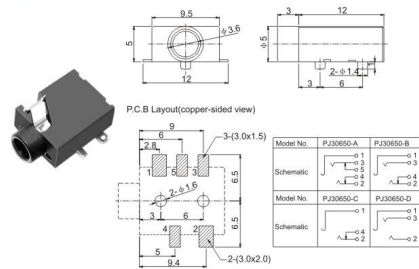
PJ216B



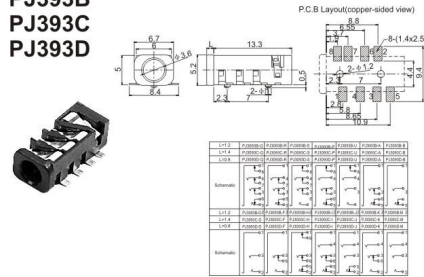
PJ218A



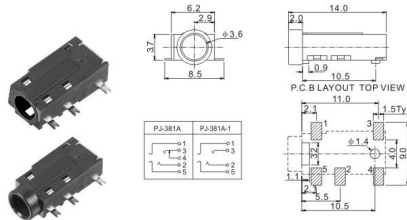
PJ365



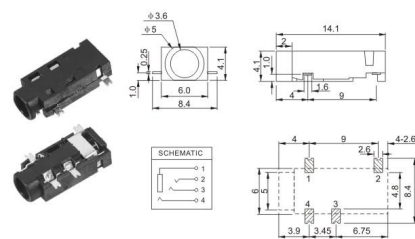
PJ393B
PJ393C
PJ393D



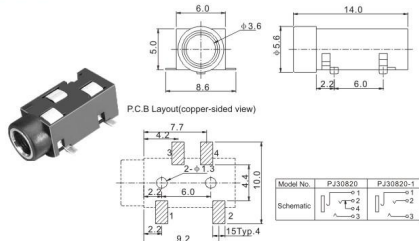
PJ381B-5P



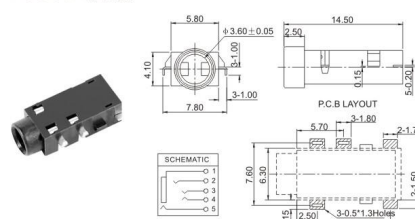
PJ3027沉板



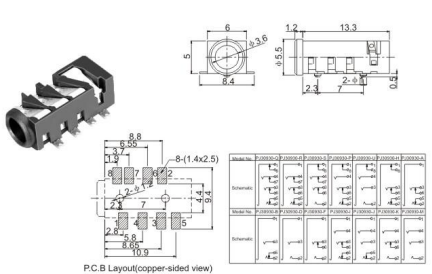
PJ382



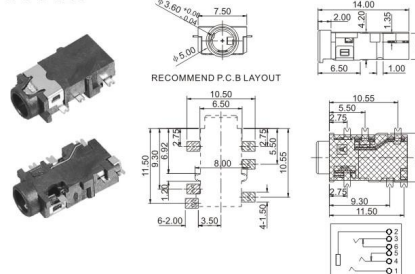
PJ3081沉板



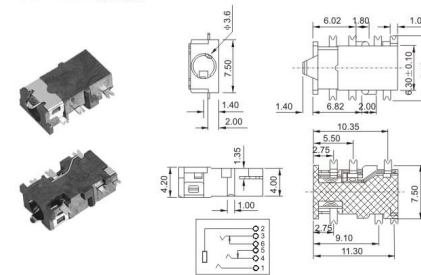
PJ393



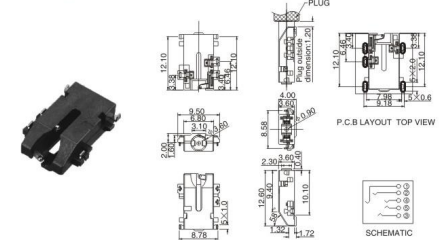
PJ342C



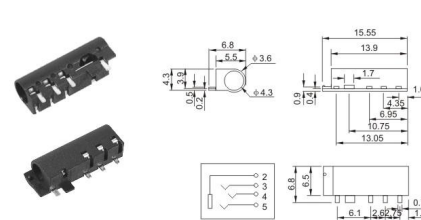
PJ3126B沉板



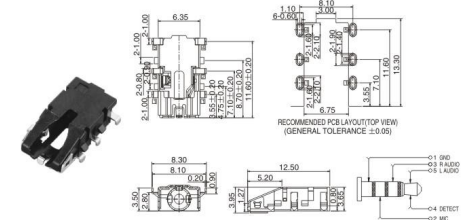
PJ-3202



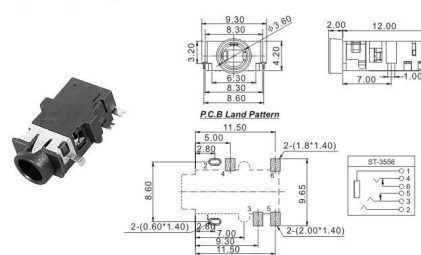
PJ3618沉板



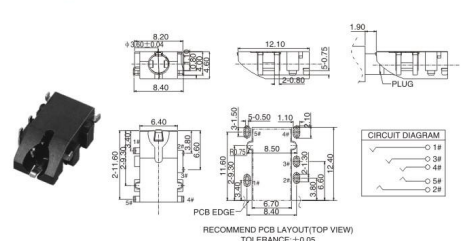
PJ-3203



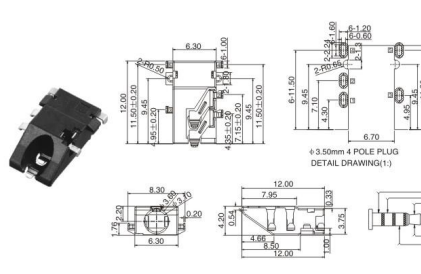
PJ3139沉板



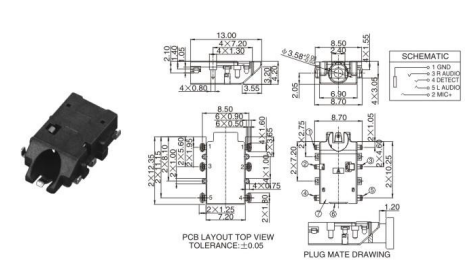
PJ-3204



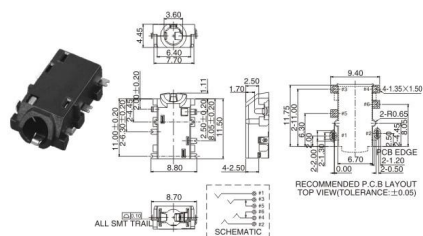
PJ-3201



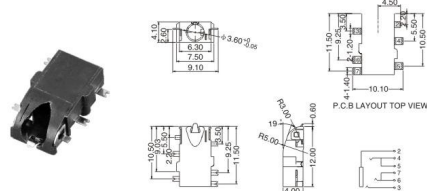
PJ-3205



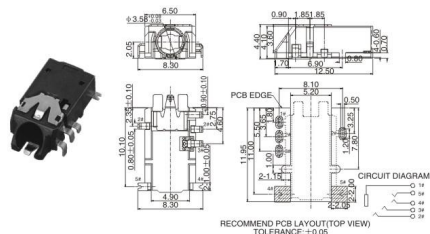
PJ-3210



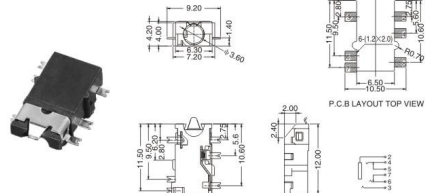
PJ-3212B



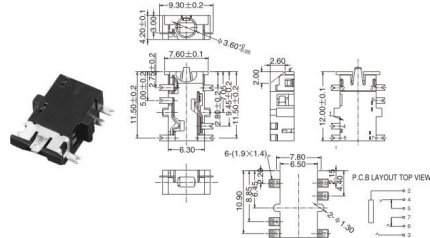
PJ-3211



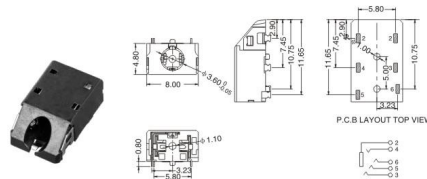
PJ-3212C



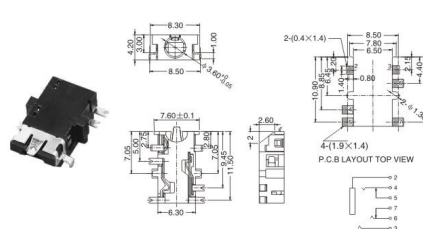
PJ-3212



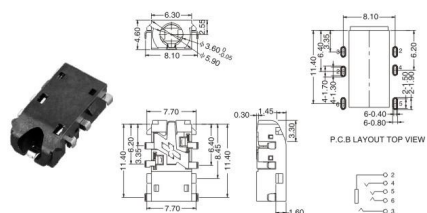
PJ-3213



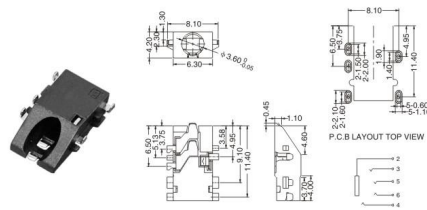
PJ-3212A



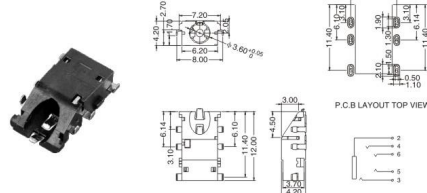
PJ-3214



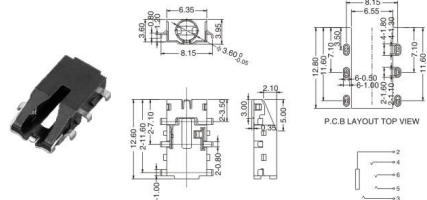
PJ-3215



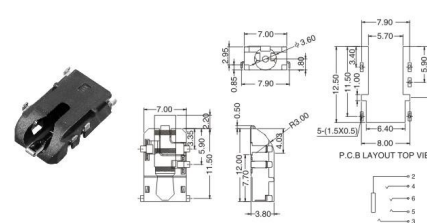
PJ-3215A



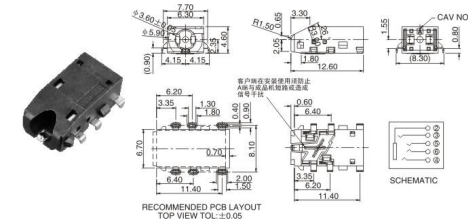
PJ-3216



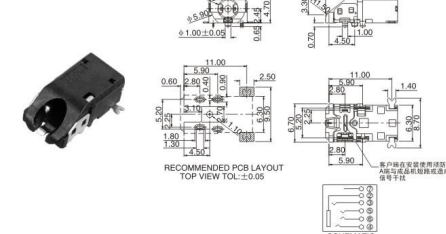
PJ-3217



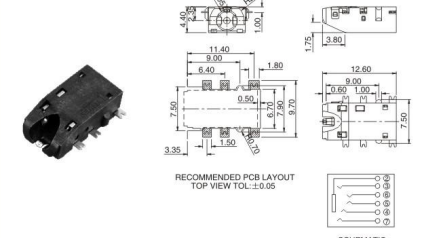
PJ-3267



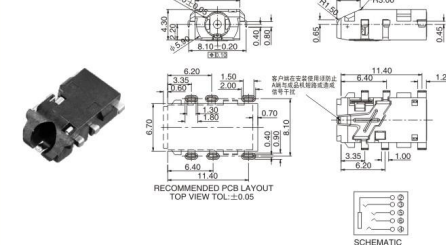
PJ-3268



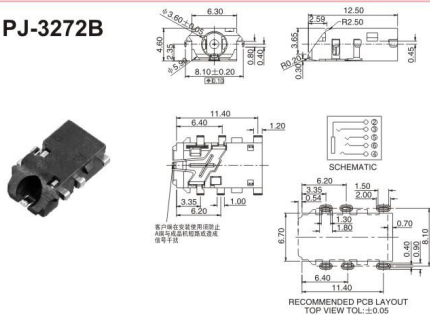
PJ-3269



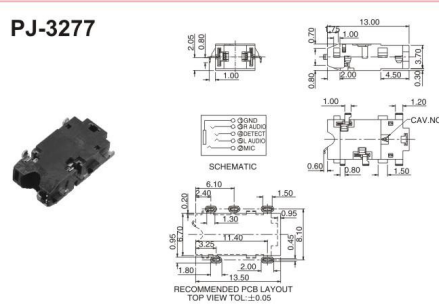
PJ-3272A



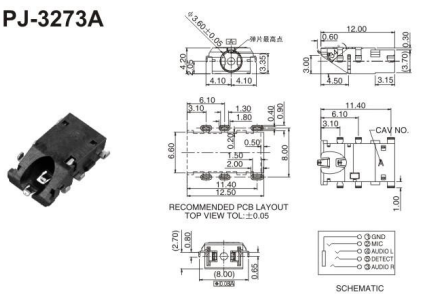
PJ-3272B



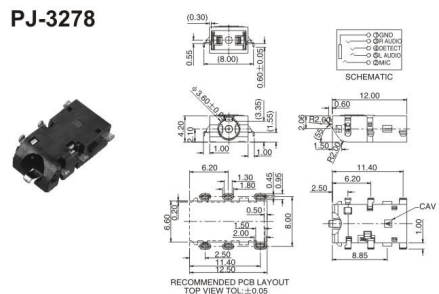
PJ-3277



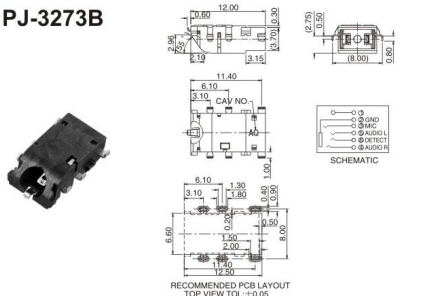
PJ-3273A



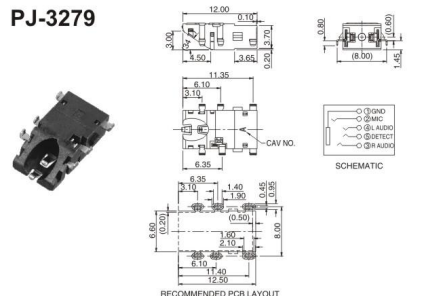
PJ-3278



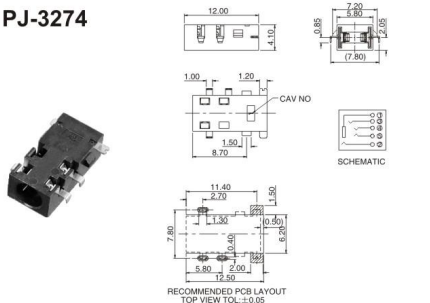
PJ-3273B



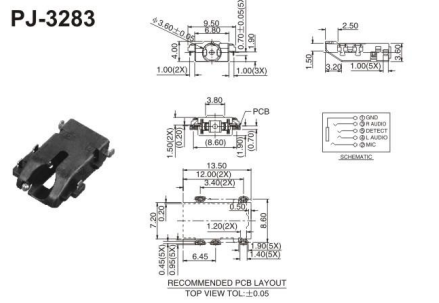
PJ-3279



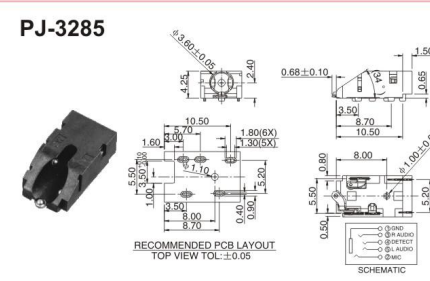
PJ-3274



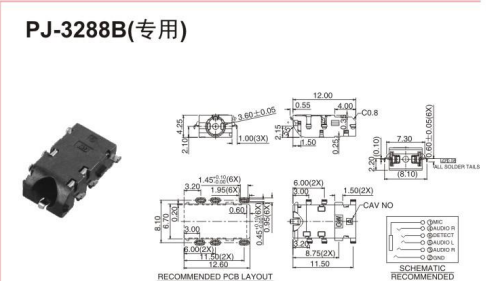
PJ-3283



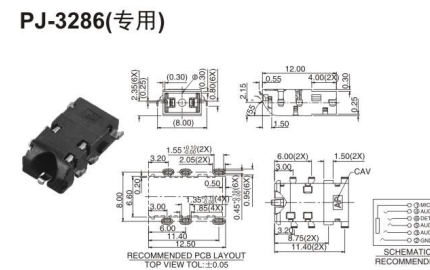
PJ-3285



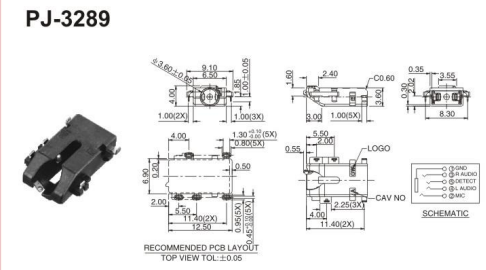
PJ-3288B(专用)



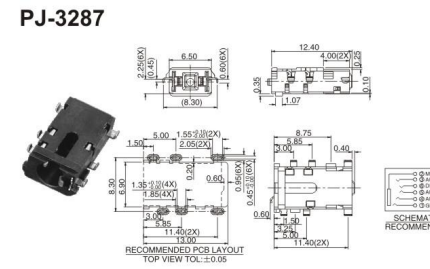
PJ-3286(专用)



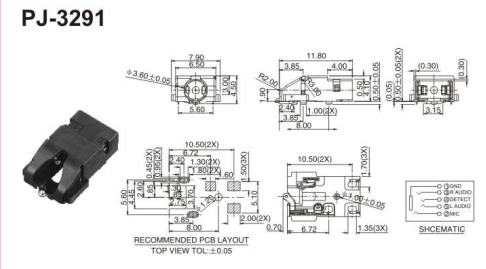
PJ-3289



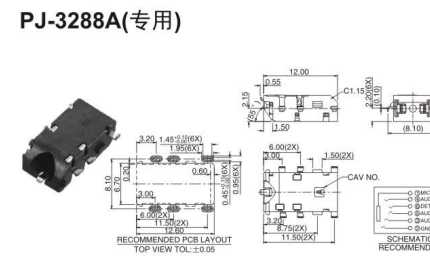
PJ-3287



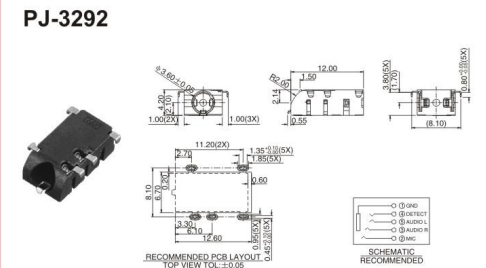
PJ-3291



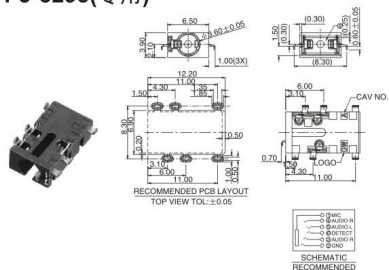
PJ-3288A(专用)



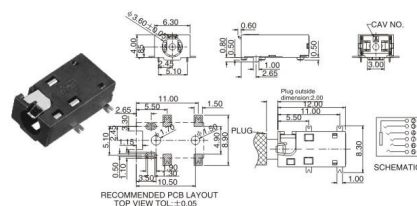
PJ-3292



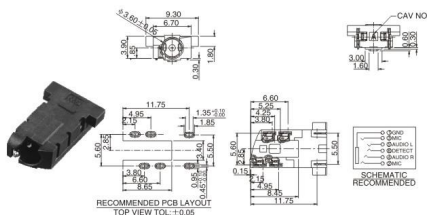
PJ-3293(专用)



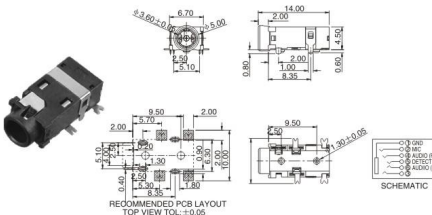
PJ-3549



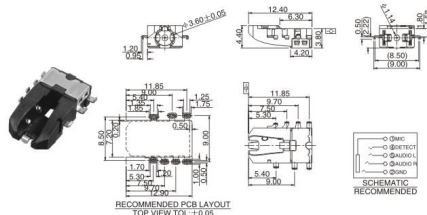
PJ-3295



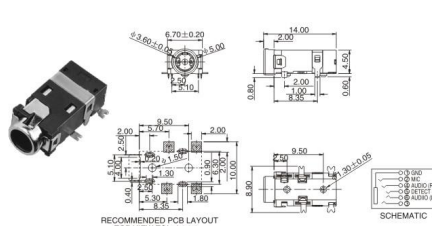
PJ-3550A



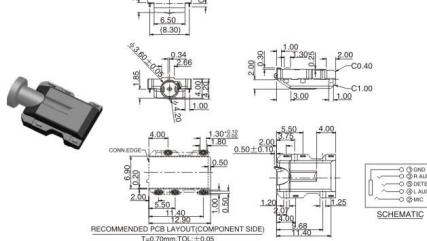
PJ-3296



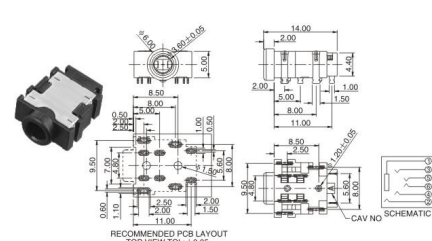
PJ-3550B



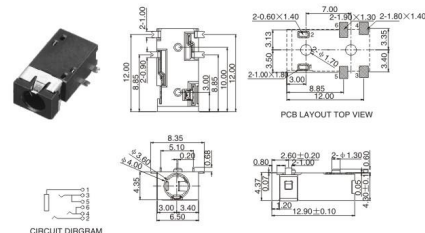
PJ-3299



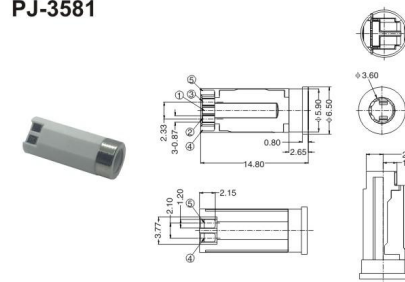
PJ-3551



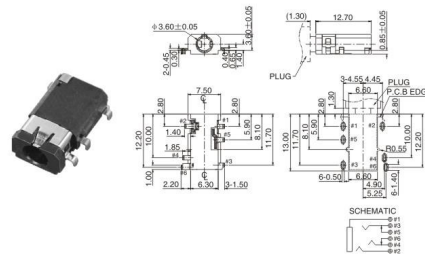
PJ-3552



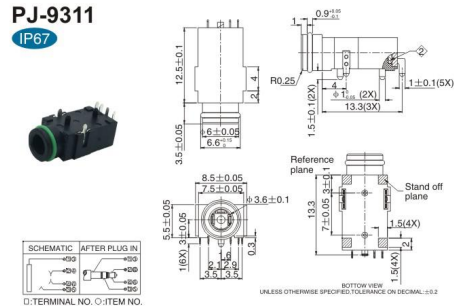
PJ-3581



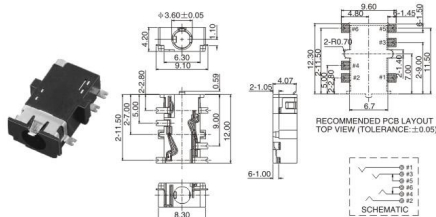
PJ-3554



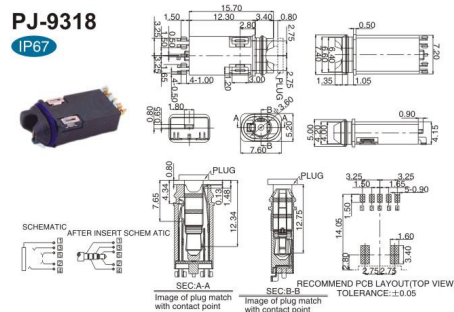
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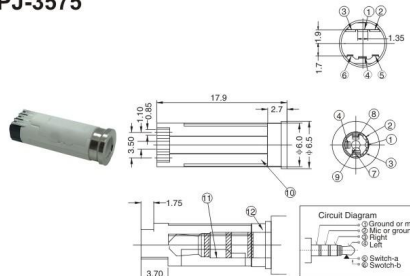
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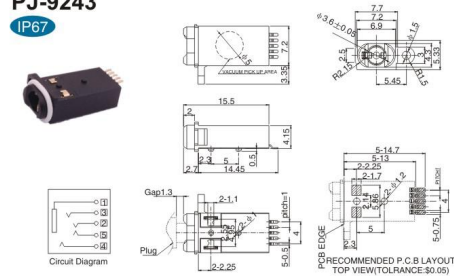
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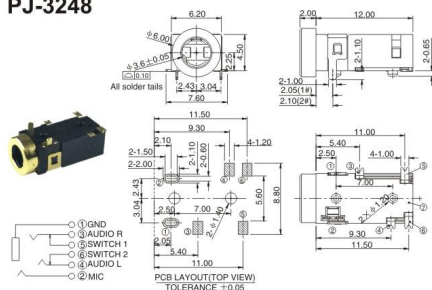
PJ-3575



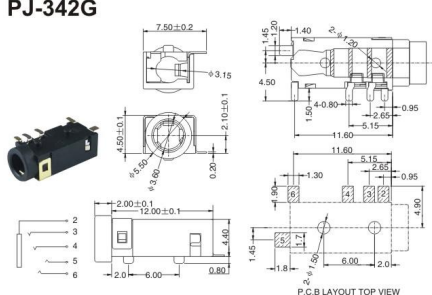
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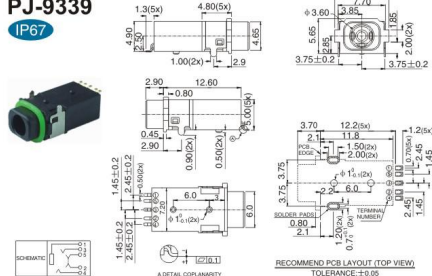
PJ-3248



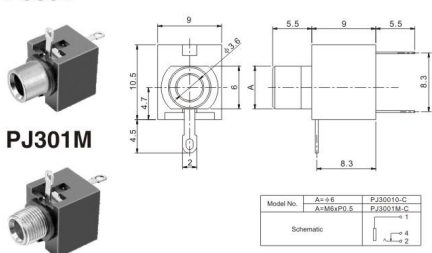
PJ-342G



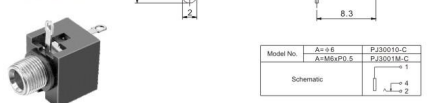
PJ-9339



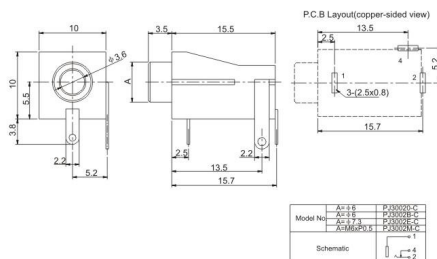
PJ301



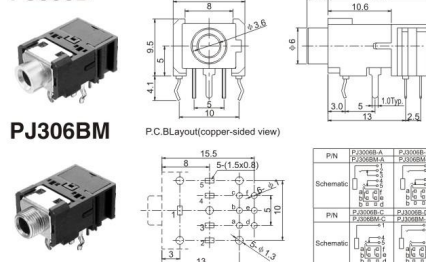
PJ301M



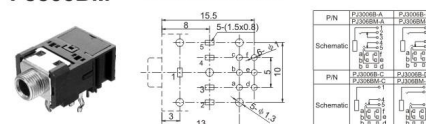
PJ302 PJ302M PJ302B PJ302E



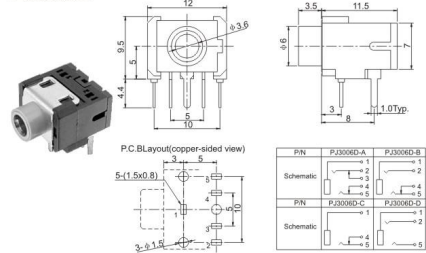
PJ306B



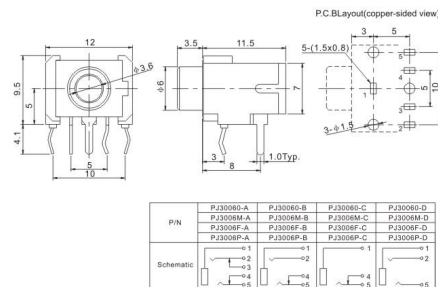
PJ306BM



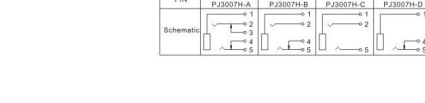
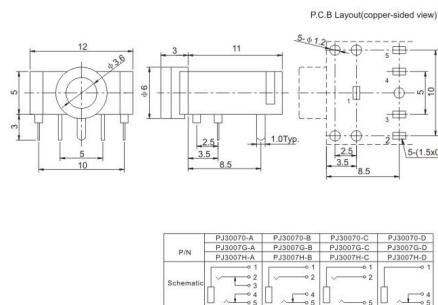
PJ306D



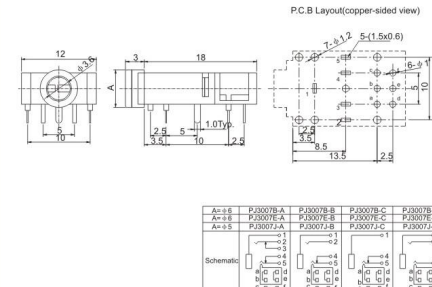
PJ306 PJ306M PJ306F PJ306P



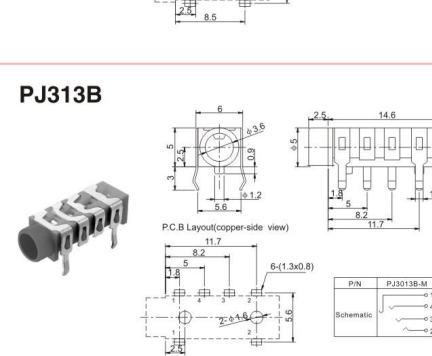
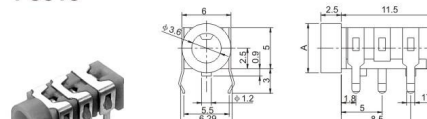
PJ307



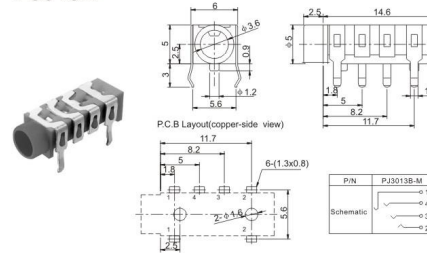
PJ307B PJ307E PJ307J



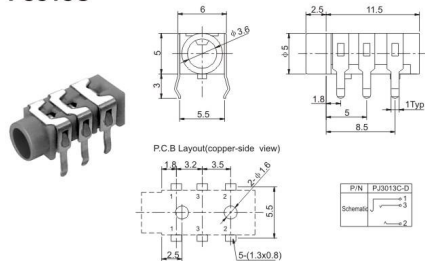
PJ313



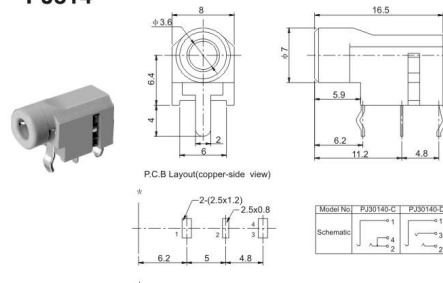
PJ313B



PJ313C



PJ314



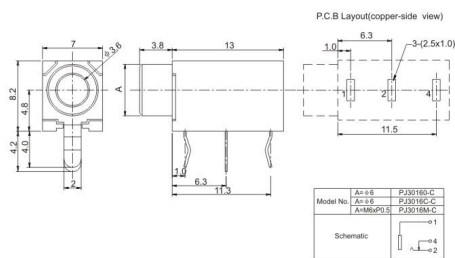
PJ316



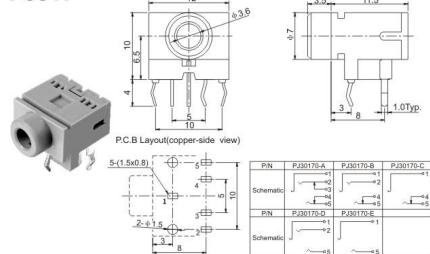
PJ316C



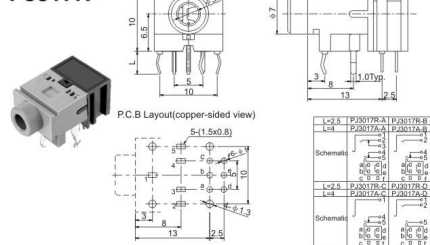
PJ316M



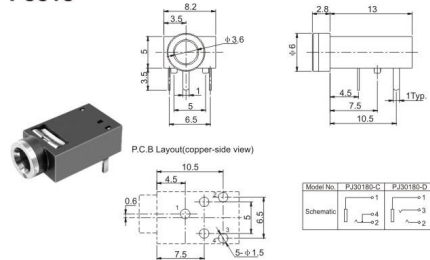
PJ317



PJ317A
PJ317R



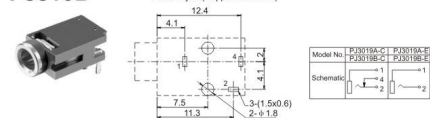
PJ318



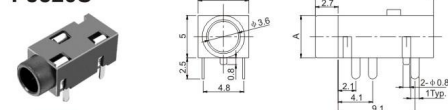
PJ319A



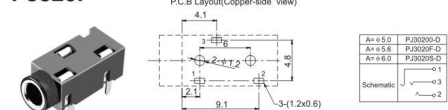
PJ319B



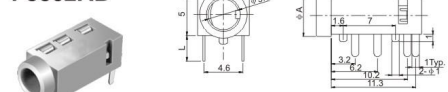
PJ320
PJ320S



PJ320F



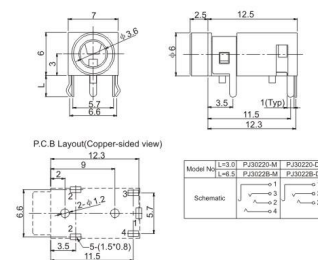
PJ302A
PJ302AS
PJ302AB



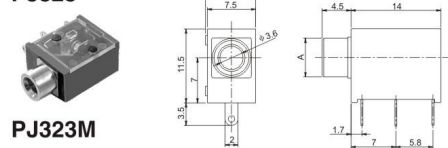
PJ320L



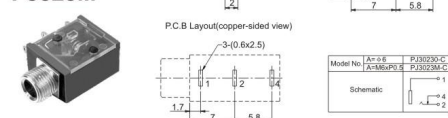
PJ322
PJ322B



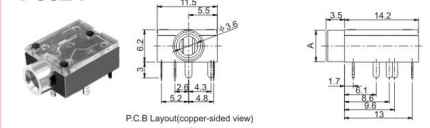
PJ323



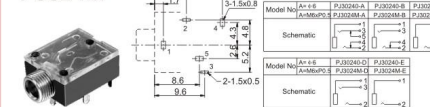
PJ323M



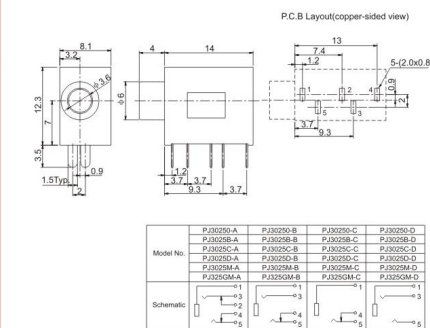
PJ324



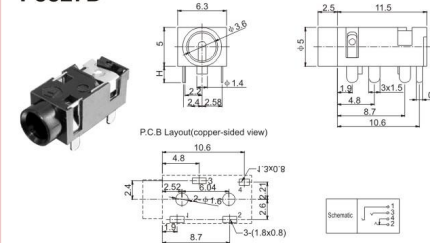
PJ324M



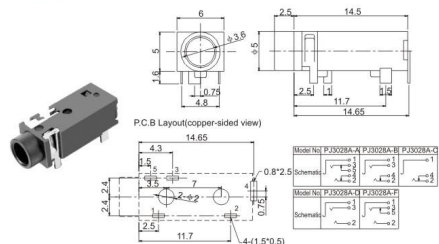
PJ325 PJ325M PJ325GM PJ325B PJ325C PJ325D



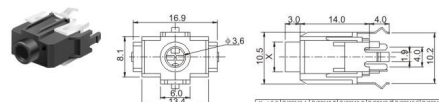
PJ327D



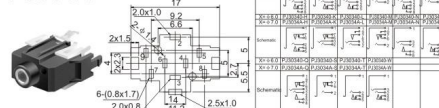
PJ328A



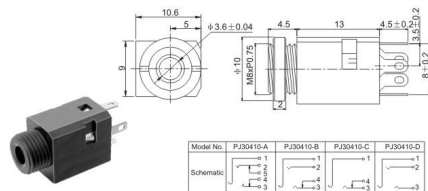
PJ334



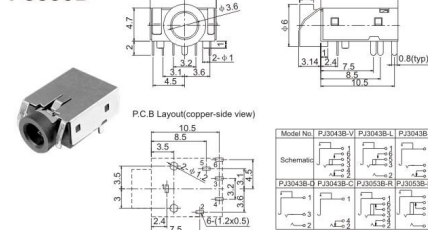
PJ334A



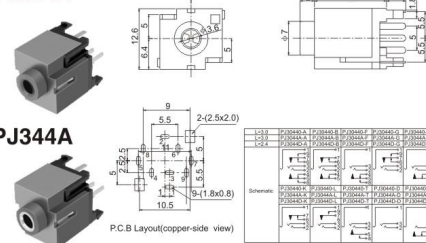
PJ341



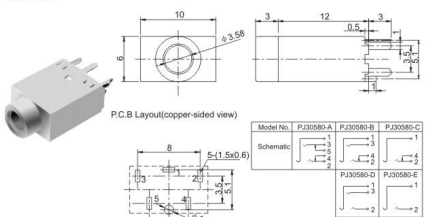
PJ343B
PJ353B



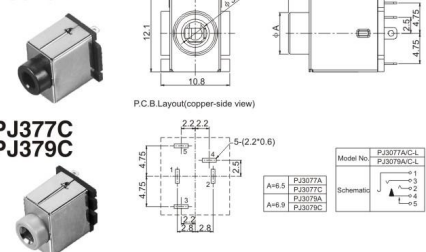
PJ344
PJ344D



PJ358



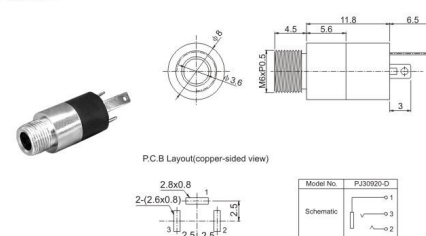
PJ377A
PJ379A



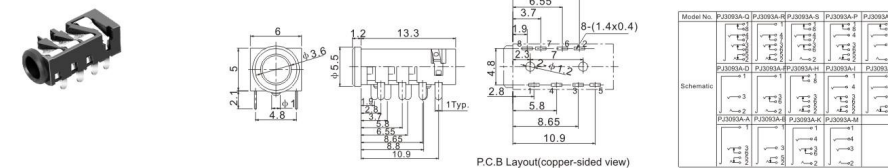
PJ377C
PJ379C



PJ392



PJ393A



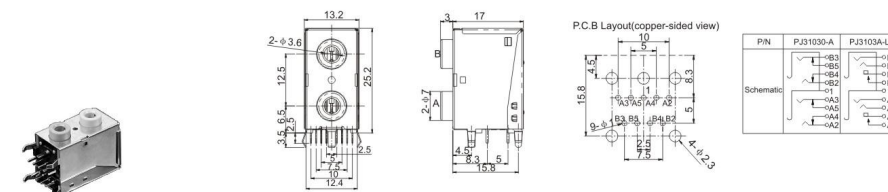
PJ396



PJ396F

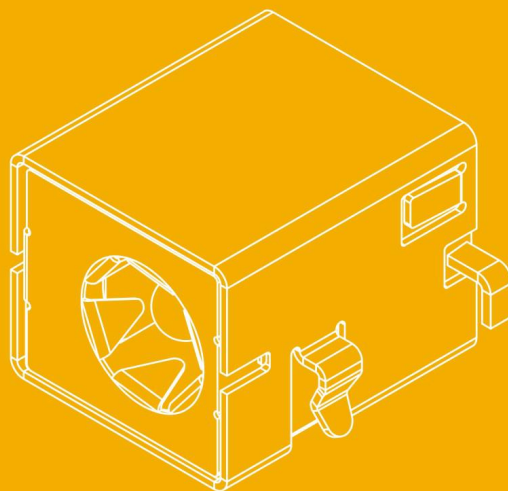


PJ3103
PJ3103A



DC JACK SERIES

DC插座系列

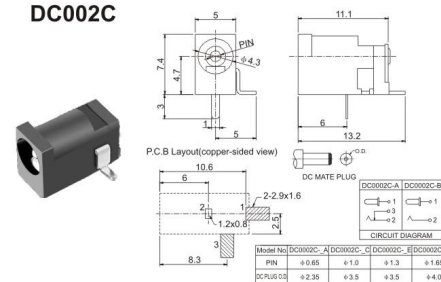


KKG

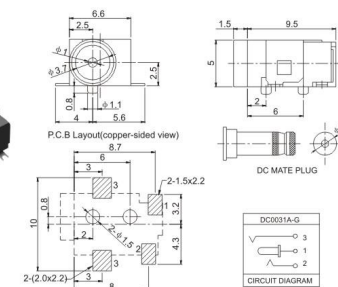
DC插座 · DC JACK SERIES

KKG
SWITCH/JACK/CONNECTOR

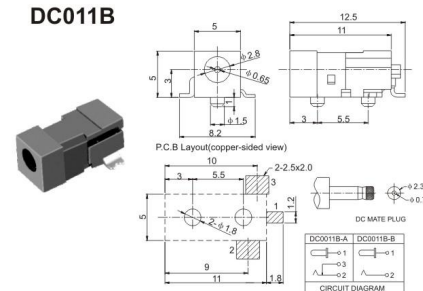
DC002C



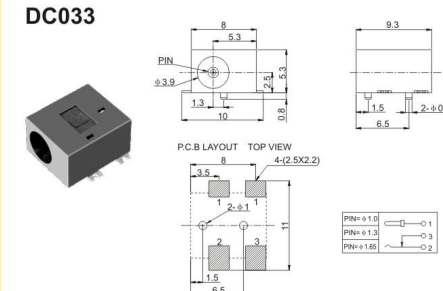
DC031A



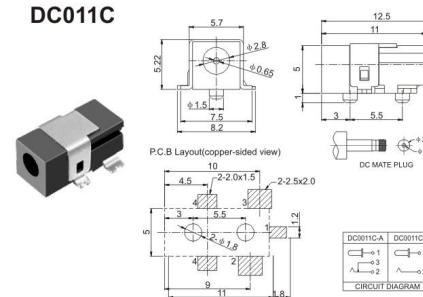
DC011B



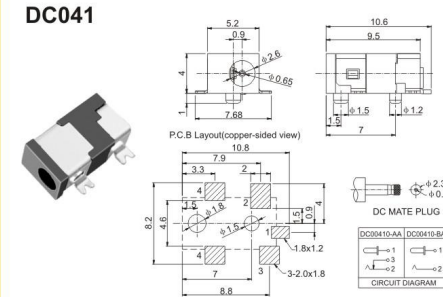
DC033



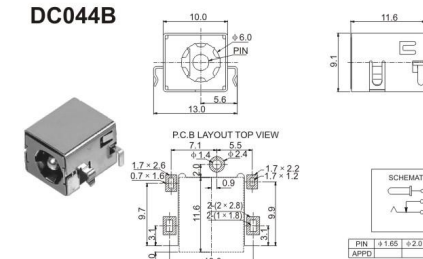
DC011C



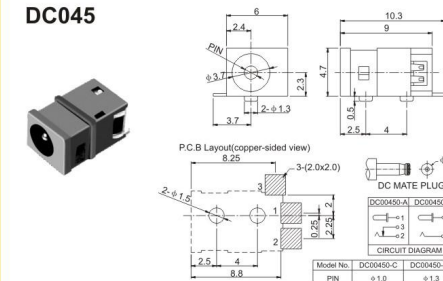
DC041



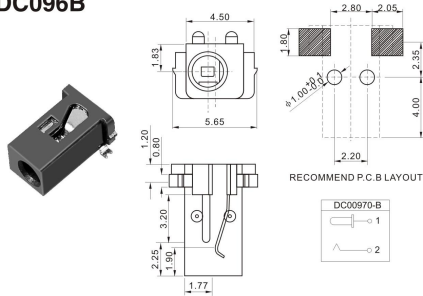
DC044B



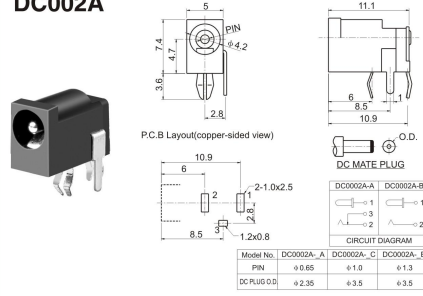
DC045



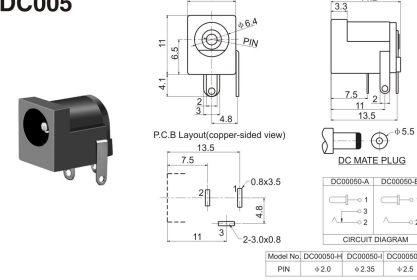
DC096B



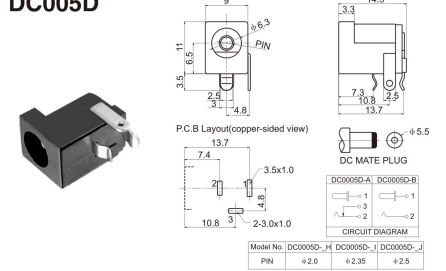
DC002A



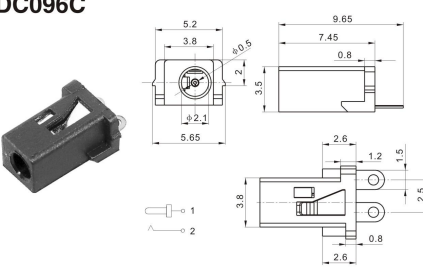
DC005



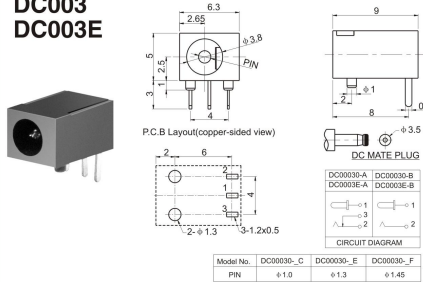
DC005D



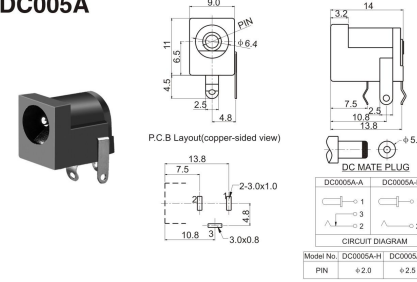
DC096C



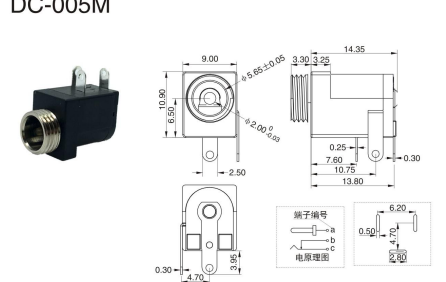
DC003
DC003E



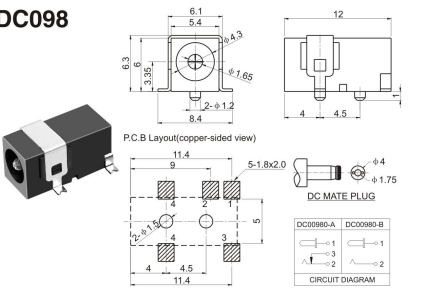
DC005A



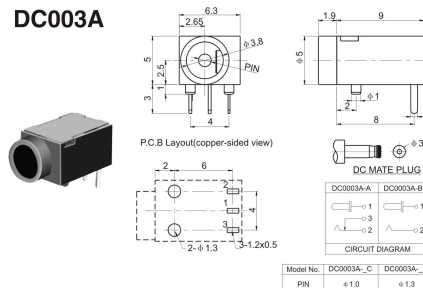
DC-005M



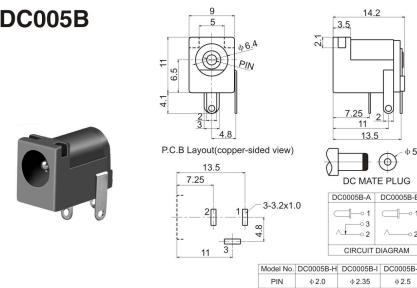
DC098



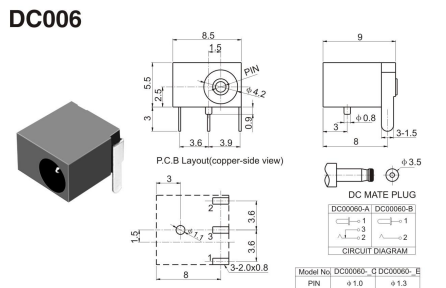
DC003A



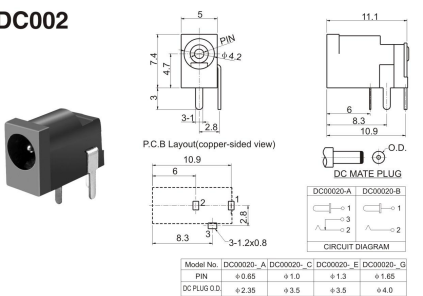
DC005B



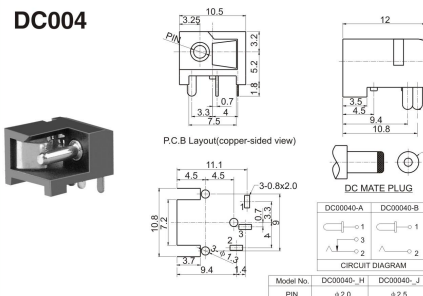
DC006



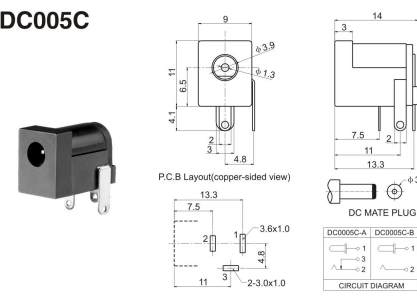
DC002



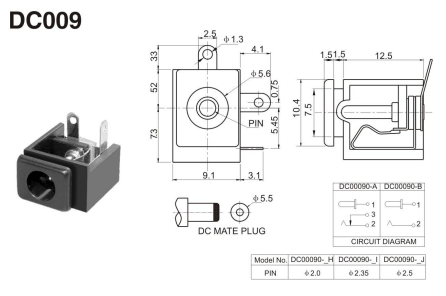
DC004



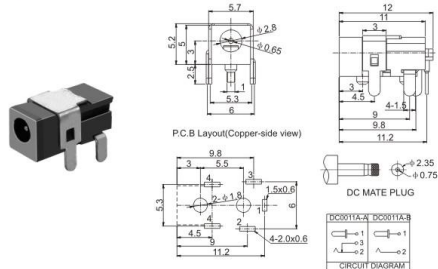
DC005C



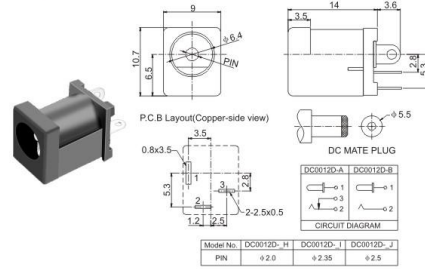
DC009



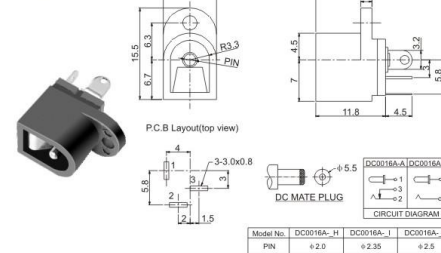
DC011A



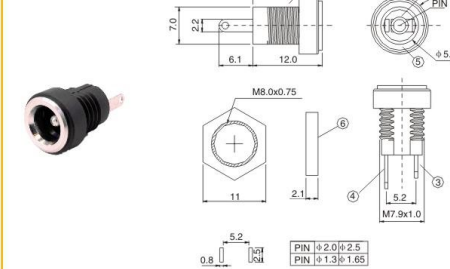
DC012D



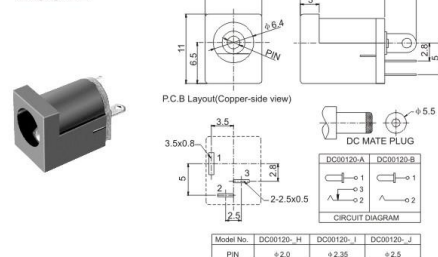
DC016A



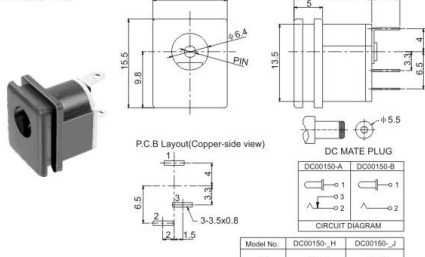
DC022B



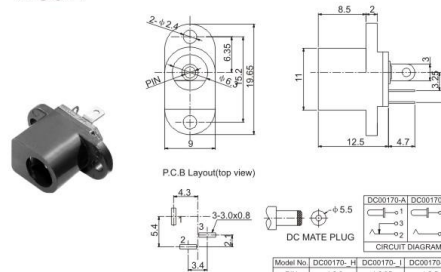
DC012



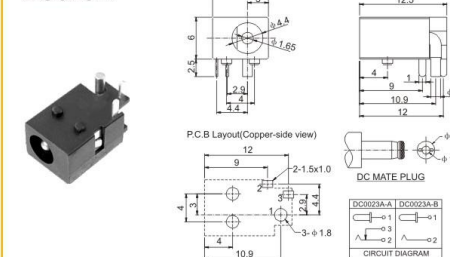
DC015



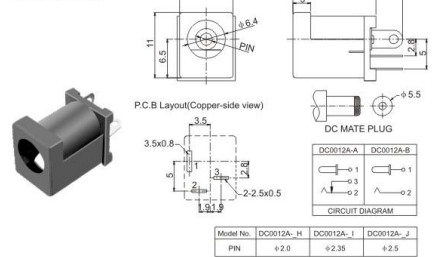
DC017



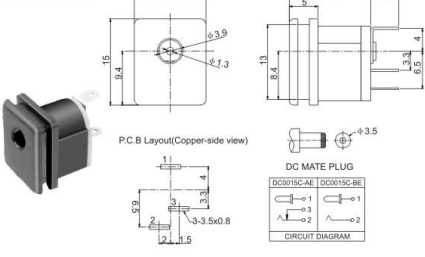
DC023A



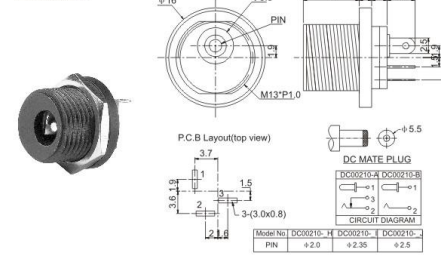
DC012A



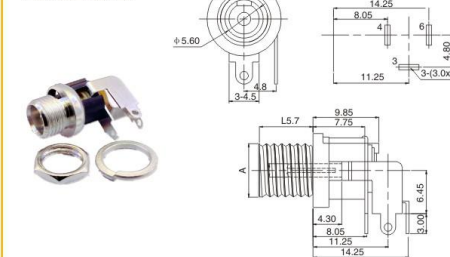
DC015C



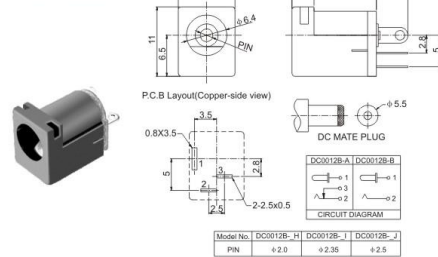
DC021



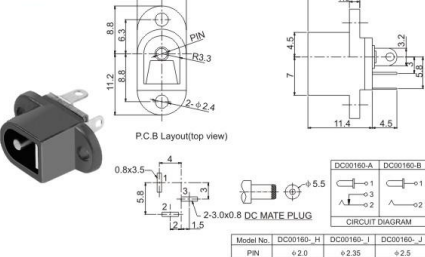
DC025CM



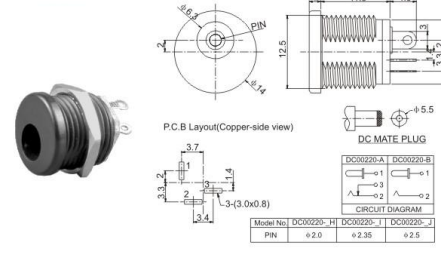
DC012B



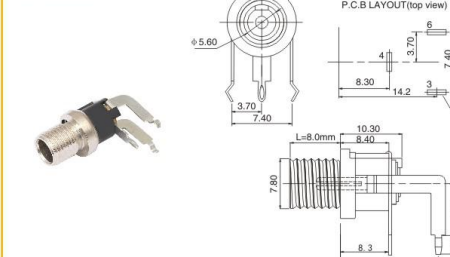
DC016



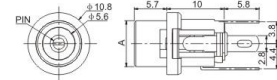
DC022



DC025DM



DC025M



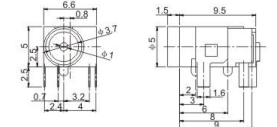
DC025



PCB Layout (Copper-side view)

Model No.	DC00250-1	DC00250-2	DC00250-3
A	±0.0	±0.0	±0.0
Model No.	DC00250A-1	DC00250A-2	DC00250A-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC00250M-1	DC00250M-2	DC00250M-3
PIN	±0.0	±0.35	±0.5

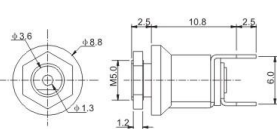
DC031



PCB Layout (Copper-side view)

Model No.	DC00310-1	DC00310-2	DC00310-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC00310M-1	DC00310M-2	DC00310M-3
PIN	±0.0	±0.35	±0.5

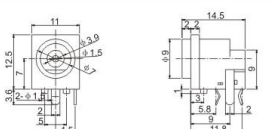
DC0351



PCB Layout (Copper-side view)

Model No.	DC00351-1	DC00351-2	DC00351-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC00351M-1	DC00351M-2	DC00351M-3
PIN	±0.0	±0.35	±0.5

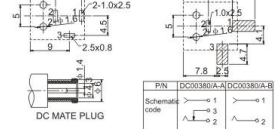
DC038



PCB Layout (Copper-side view)

Model No.	DC00380-1	DC00380-2	DC00380-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC00380M-1	DC00380M-2	DC00380M-3
PIN	±0.0	±0.35	±0.5

DC038A



PCB Layout (Copper-side view)

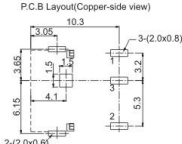
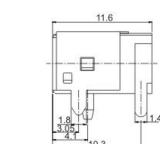
DC044A



DC044G



DC044H



Model No.	DC0044A-1	DC0044A-2	DC0044A-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0044G-1	DC0044G-2	DC0044G-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0044H-1	DC0044H-2	DC0044H-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0044M-1	DC0044M-2	DC0044M-3
PIN	±0.0	±0.35	±0.5

DC083



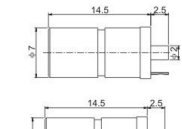
DC083A



DC084

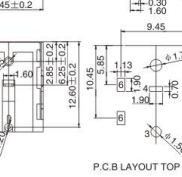
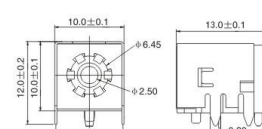


DC084

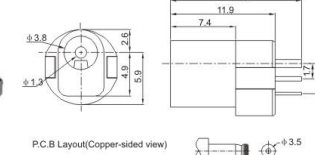


Model No.	DC0083-1	DC0083-2	DC0083-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0083A-1	DC0083A-2	DC0083A-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0084-1	DC0084-2	DC0084-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0084M-1	DC0084M-2	DC0084M-3
PIN	±0.0	±0.35	±0.5

DC091



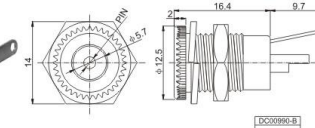
DC097



PCB Layout (Copper-side view)

Model No.	DC0097-1	DC0097-2	DC0097-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0097M-1	DC0097M-2	DC0097M-3
PIN	±0.0	±0.35	±0.5

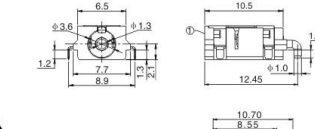
DC099



PCB Layout (Copper-side view)

Model No.	DC0099-1	DC0099-2	DC0099-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0099M-1	DC0099M-2	DC0099M-3
PIN	±0.0	±0.35	±0.5

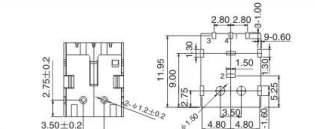
DC108



PCB Layout (Copper-side view)

Model No.	DC0108-1	DC0108-2	DC0108-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0108M-1	DC0108M-2	DC0108M-3
PIN	±0.0	±0.35	±0.5

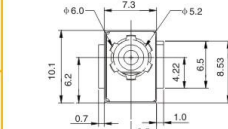
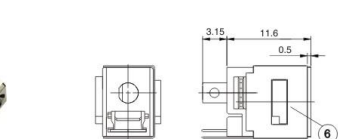
DC109



PCB Layout (Copper-side view)

Model No.	DC0109-1	DC0109-2	DC0109-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0109M-1	DC0109M-2	DC0109M-3
PIN	±0.0	±0.35	±0.5

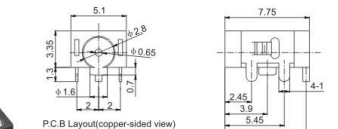
DC112



PCB Layout (Copper-side view)

Model No.	DC0112-1	DC0112-2	DC0112-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0112M-1	DC0112M-2	DC0112M-3
PIN	±0.0	±0.35	±0.5

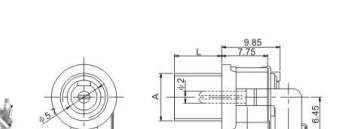
DC118



PCB Layout (Copper-side view)

Model No.	DC0118-1	DC0118-2	DC0118-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0118M-1	DC0118M-2	DC0118M-3
PIN	±0.0	±0.35	±0.5

DC026



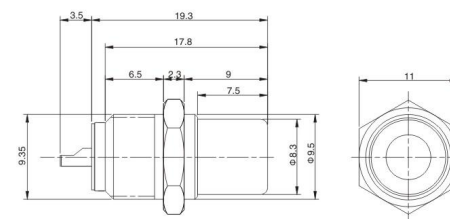
PCB Layout (Copper-side view)

Model No.	DC0026-1	DC0026-2	DC0026-3
A	±0.0	±0.0	±0.0
Schematic			
Model No.	DC0026M-1	DC0026M-2	DC0026M-3
PIN	±0.0	±0.35	±0.5

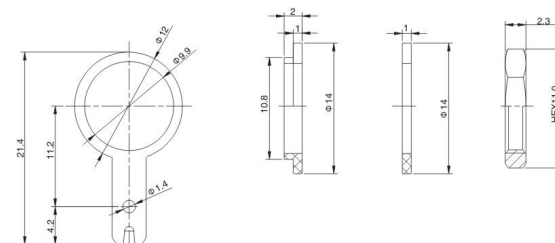
RCA插座系列



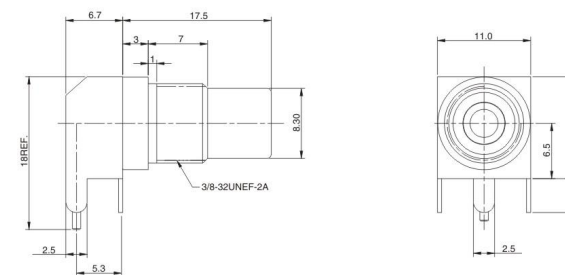
RCA-001-20



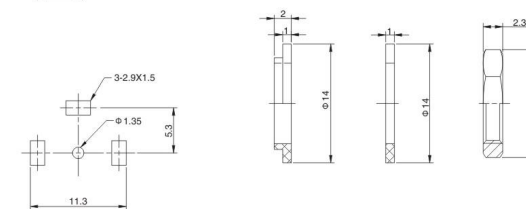
1. MATERIAL
 - 1.1 Insulator: pom, color: white or red.
 - 1.2 Body: brass alloy.
 - 1.3 Pin: brass.
 - 1.4 Soldering lug: brass.
 - 1.5 Screw: brass alloy.
 - 1.6 Washer: pom,color: white or red.
2. FINISH
 - 2.1 Pin: gold flash plated.
 - 2.2 Body: gold flash plated.
 - 2.3 Soldering lug: nickel plated.
 - 2.4 Screw: nickel plated.
3. ELECTRICAL CHARACTERISTICS
 - 3.1 Working voltage: AC 250v.
 - 3.2 Withstand voltage: 1000v,50Hz.ms.
 - 3.3 Surface resistance: 1,000m OHM min.
 - 3.4 Impedence: 75 OHM.
4. ENVIRONMENTAL
 - 4.1 Working temperature: -25°C+65°C.
 - 4.2 Relative humidity: max 90%(40°C±2°C)



RCA-001-X



1. MATERIAL
 - 1.1 Insulator: pom,color: white or red.
 - 1.2 Body: brass alloy.
 - 1.3 Shell: spcc.
 - 1.4 Pin: brass.
 - 1.5 Screw: brass alloy.
 - 1.6 Washer: pom,color: white or red.
2. FINISH
 - 2.1 Pin: gold flash plated.
 - 2.2 Body: gold flash plated.
 - 2.3 Shell: gold flash plated.
 - 2.4 Screw: gold flash plated.
3. ELECTRICAL CHARACTERISTICS
 - 3.1 Working voltage: AC 250v.
 - 3.2 Withstand voltage: 1000v,50Hz,rms.
 - 3.3 Insulation resistance: 1,000ohm ohm min.
 - 3.4 Impedence: 75 ohm.
4. ENVIRONMENTAL
 - 4.1 Working temperature: -25℃+65℃.
 - 4.2 Relative humidity: max 90%(40℃±2℃)



RECOMMEND PCB LAYOUT
ALL TOLERANCE: ± 0.05

[illegible]

Figure 1: Dimensions of the 100W 250V 1000Hz Transformer. The figure includes a perspective view of the transformer and three technical drawings: a top view, a side view, and a PCB layout. The top view shows a rectangular core with dimensions 12.50 (width) and 15.60 (length). The side view shows a height of 19.53. The PCB layout shows a footprint with dimensions 14.45 (width) and 8.00 (length), with various mounting hole and pad dimensions.

0507-0000

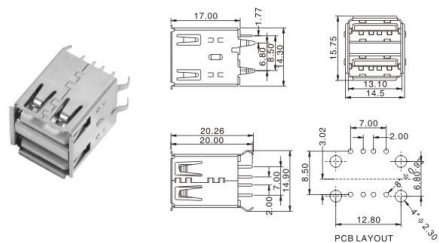
Technical drawing of the 0507-0000 connector. The drawing includes a perspective view of the connector and two cross-sectional views showing internal details and dimensions.

Dimensions (mm):

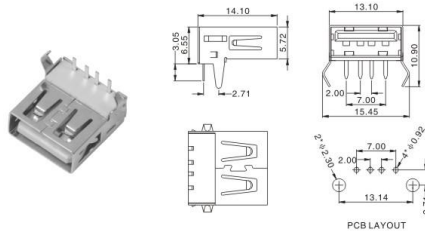
- Overall height: 12.9
- Internal height: 12.2
- Internal width: 8.45
- Internal width: 14.40
- Internal width: 2.70
- Internal width: 2.00
- Internal width: 4.00
- Internal width: 2.36
- Internal width: 12.00
- Internal width: 8.50
- Internal width: 1.75
- Internal width: 2.00
- Internal width: 0.71
- Internal width: 0.07
- Internal width: 0.02
- Internal width: 4.77
- Internal width: 2.50
- Internal width: 12.04
- Internal width: 2.5
- Internal width: 5.0
- Internal width: 8.5

PCB LAYOUT

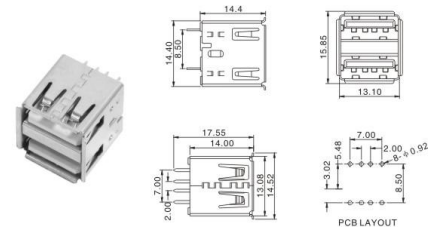
USB AF 180度 双层直插长体
US01-233



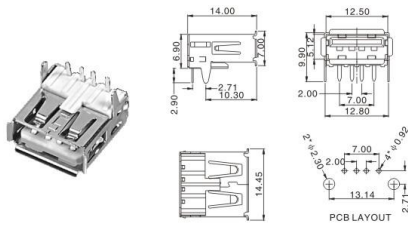
USB AF 90度 一型弯脚有盖无卷边
US01-088



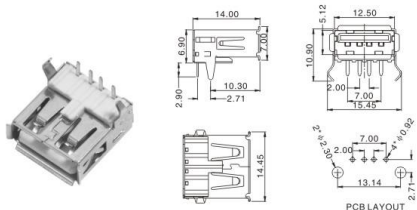
USB AF 180度 双层直插短体
US01-290



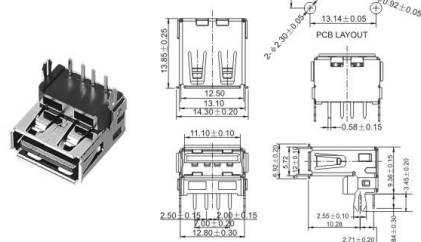
USB AF 90度 直脚有盖有卷边
US01-120



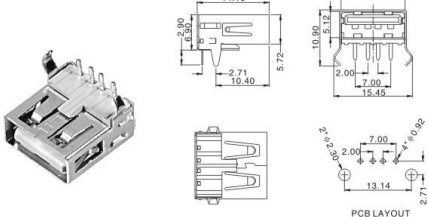
USB AF 90度 弯脚有盖有卷边
US01-112



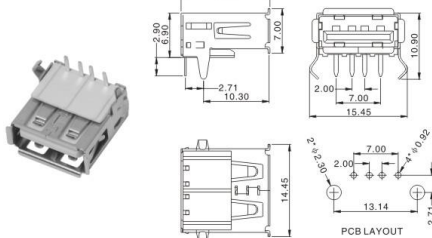
USB AF 90度 加高型鱼叉脚
US10-105



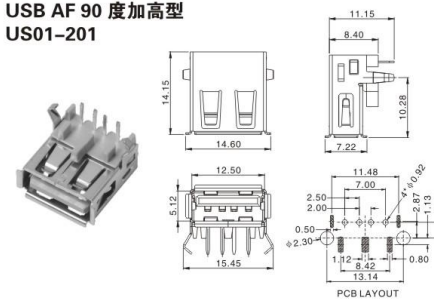
USB AF 90度 弯脚有盖无卷边
US01-127



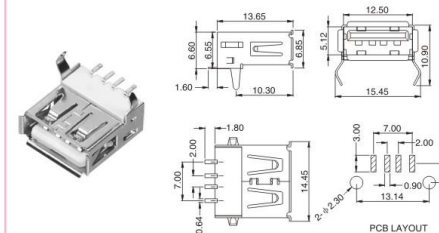
USB AF 90 度弯脚有盖有卷边反向	US01-139	14.00
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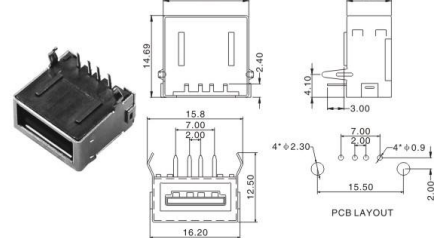
USB AF 90 度加高型
US01-201



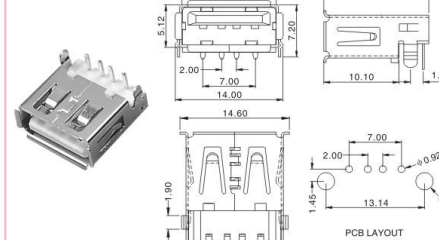
USB AF 一型弯脚无盖有卷边 SMT
US01-164



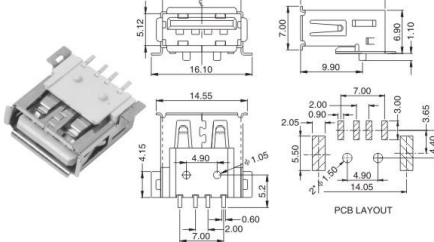
USB AF 90 度全包
US01-503



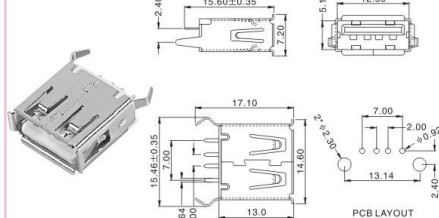
USB AF 90 度沉板有卷边
US01-144



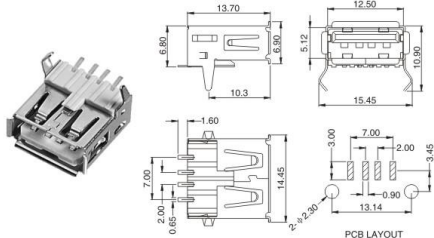
USB AF 全贴片定位柱 1.05
US01-245



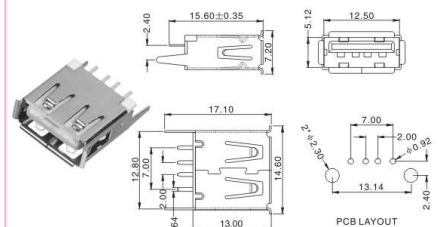
USB AF 180 度直插弯脚 13.0
US01-190



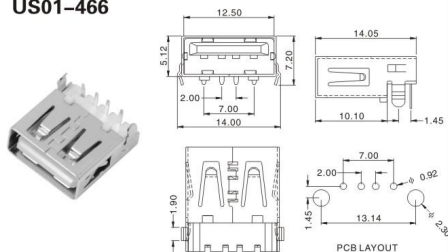
USB AF 弯脚无盖有卷边 SMT
US01-146



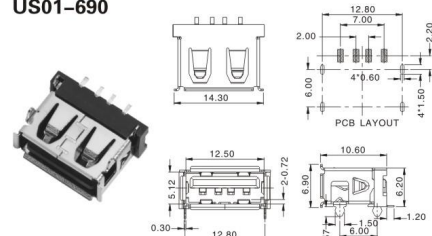
USB AF180 度直插直脚 13.0
US01-178



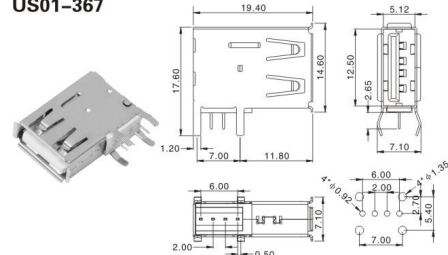
USB AF 90 度沉板无卷边
US01-466 12.50



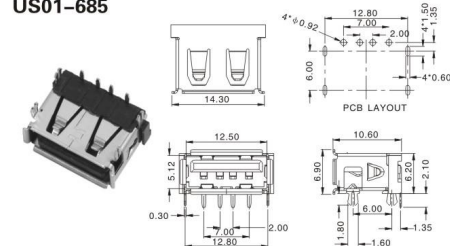
**USB AF 10.6 四锥脚有卷边 SMT
US01-690**



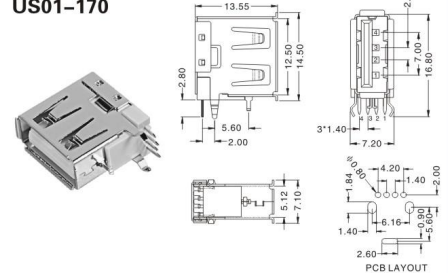
USB AF 侧插长体 C 款有塞
US01-367



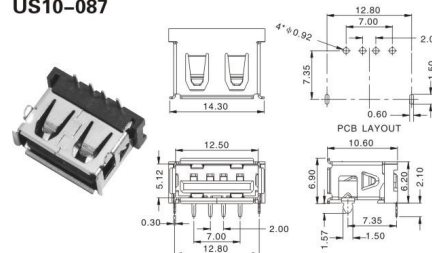
USB AF 10.6 四叉脚有卷边 90 度
US01-685



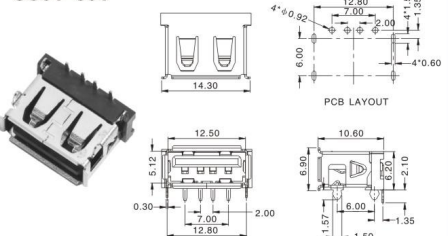
USB AF 侧插短体弯脚
US01-170



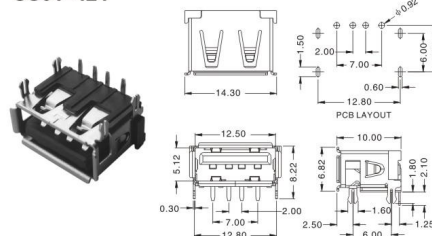
USB AF 10.6 两锥脚有卷边 90 度反向
US10-087



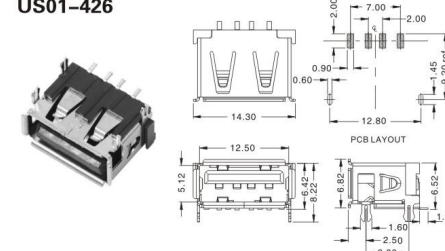
USB AF 10.6 四锥脚有卷边 90 度
US01-681



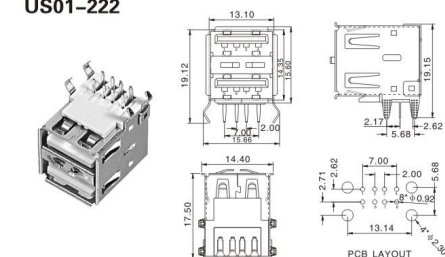
USB AF 10.0 四脚有卷边 90 度
US01-424



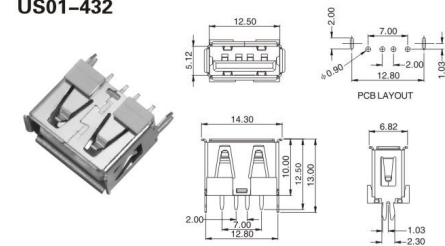
USB AF 10.0 四脚有卷边 SMT
US01-426



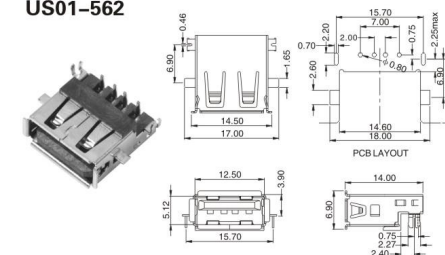
USB AF 90 度双层半包双弹
US01-222



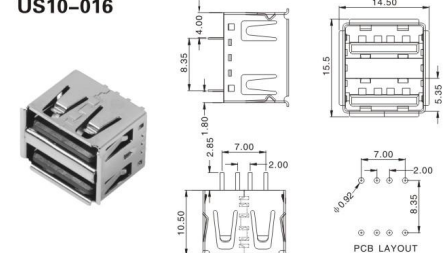
USB AF 10.0 180 度有卷边
US01-432



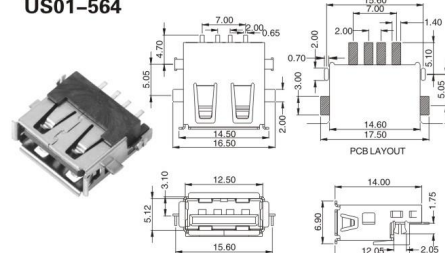
USB AF 沉板板上3.9-3.5-4.9
US01-562



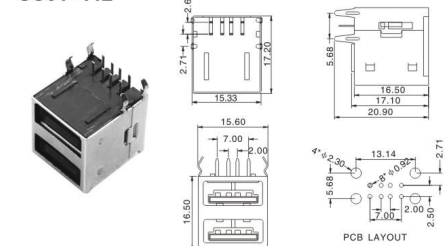
USB AF 10.0 双层 180 度
US10-016



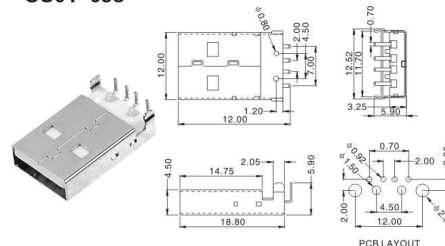
USB AF 沉板 SMT
US01-564



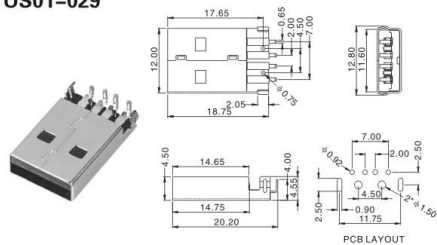
USB AF 90 度双层全包
US01-112



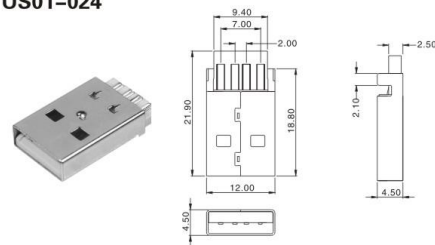
USB AM 90 度
US01-098



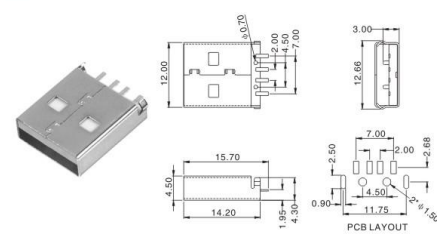
USB AM 沉板 90 度
US01-029



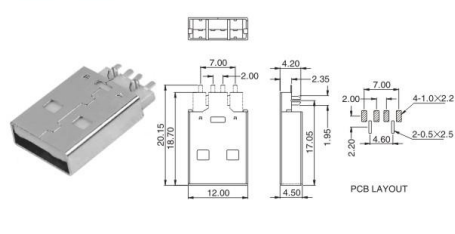
USB AM 短体焊线式
US01-024



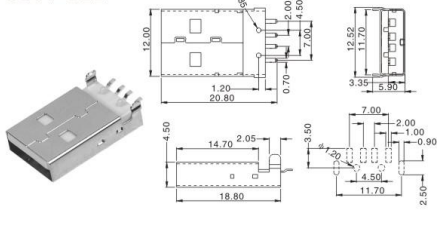
USB AM 沉板短体 SMT
US01-045



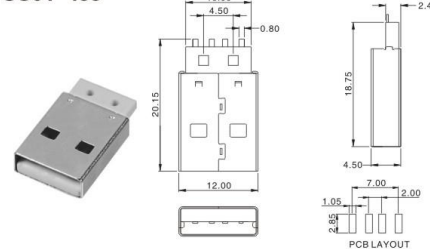
USB AM SMT 鱼叉型
US01-589



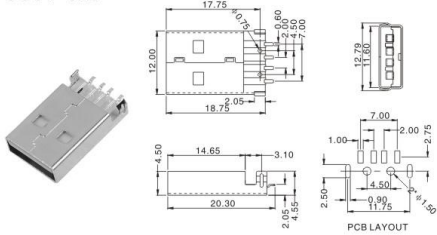
USB AM SMT
US01-022



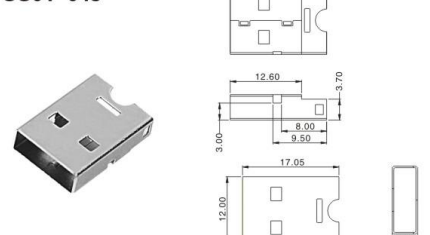
USB AM SMT 鱼叉两方孔
US01-455 10.00



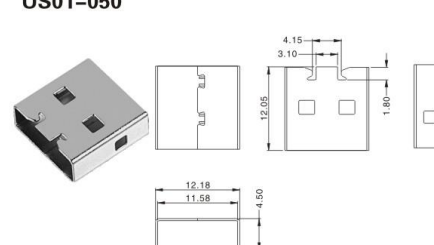
USB AM 沉板 SMT
US01-025



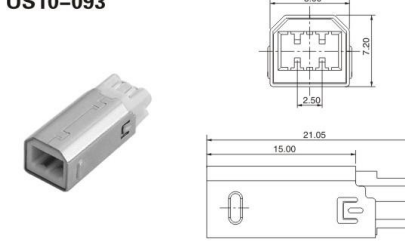
USB AM 读卡器铁壳
US01-049



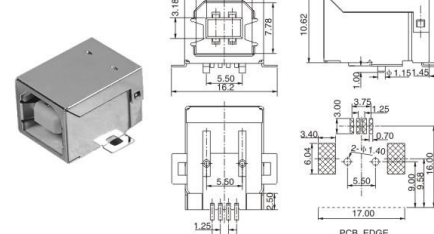
USB AM 蓝牙铁壳
US01-050



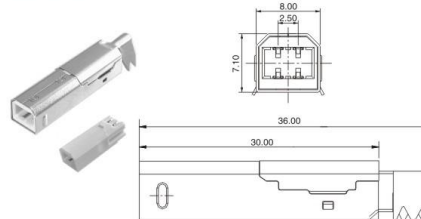
USB BM 焊线短体
US10-093



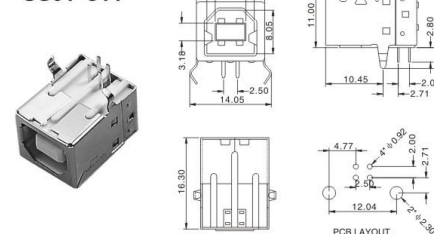
USB BF SMT
US10-104



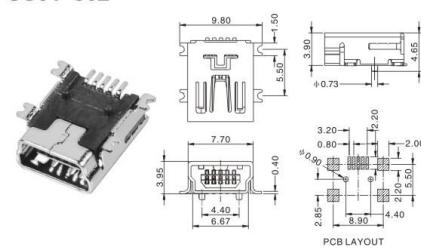
USB BM 焊线三件式
US10-094



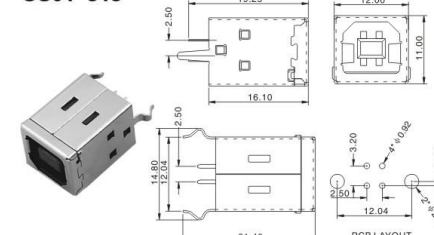
USB BF 90 度
US01-314



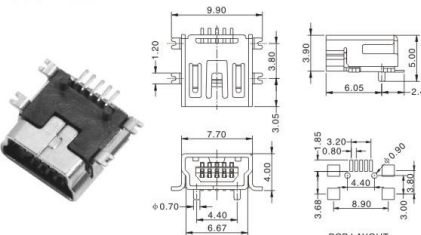
MINI USB 5 PIN/F SMT(0.4)
US01-302



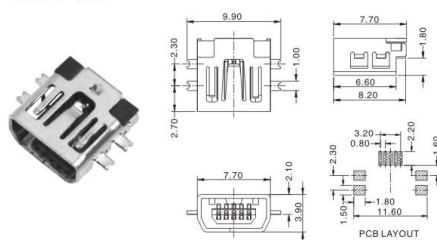
USB BF 180 度
US01-318



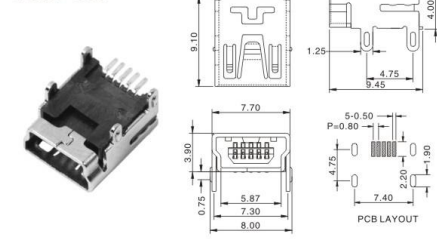
MINI USB 5 PIN/F SMT 短体
US01-308



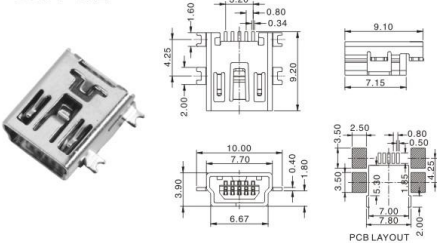
MINI USB 5 PIN/F SMT AB TYPE 沉板短体
US01-310



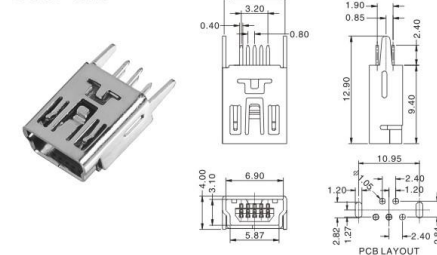
MINI USB 5 PIN/F SMT 四脚
US01-533



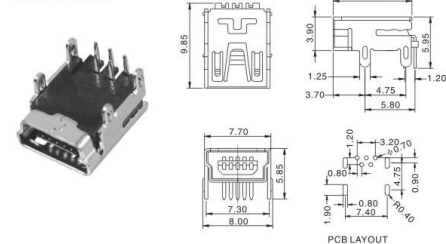
MINI USB 5 PIN/F 沉板
US01-312



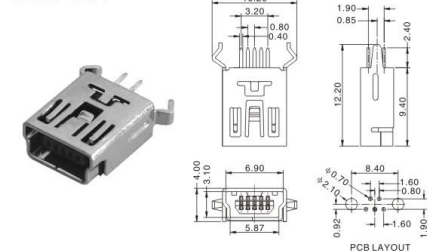
MINI USB 5 PIN/F 180 度直插直脚
US01-376



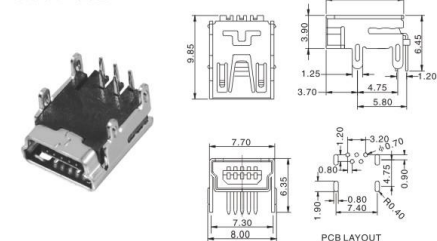
MINI USB 5 PIN/F 90 度四脚
US01-372



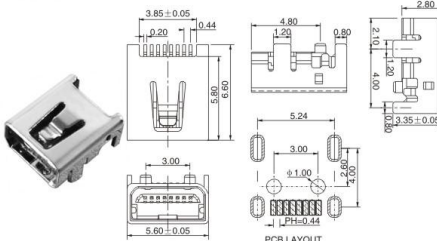
MINI USB 5 PIN/F 180 度直插弯脚
US01-374



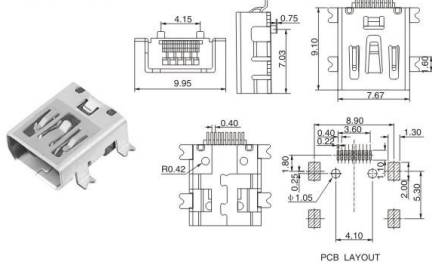
MINI USB 5 PIN/F 90 度四脚加长
US01-382



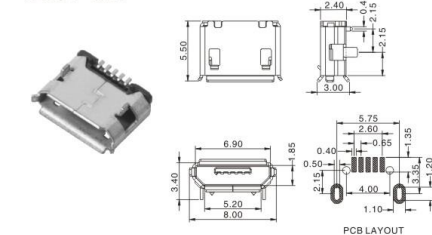
MINI USB 8 PIN/F 四脚插板 SMT
US10-060



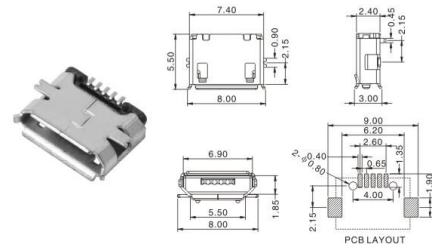
MINI USB 10 PIN/F SMT
US10-047



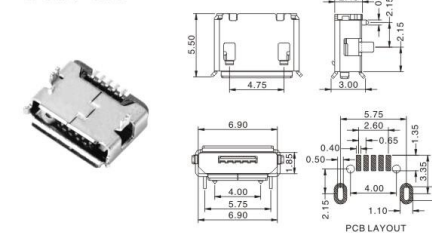
MICRO USB 5PIN/F SMT B TYPE 插脚
US01-527



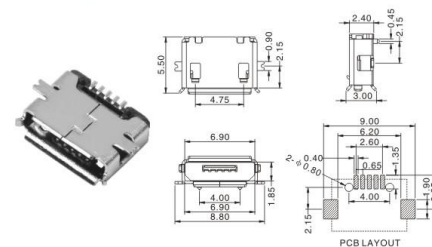
MICRO USB 5PIN/F SMT B TYPE
US01-517



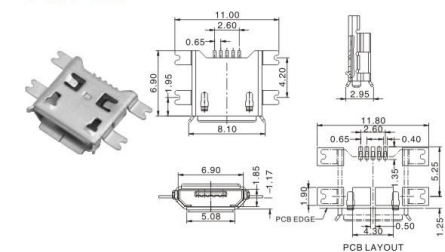
MICRO USB 5PIN/F SMT AB TYPE 插脚
US01-528



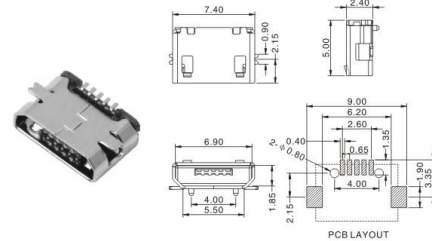
MICRO USB 5PIN/F SMT AB TYPE
US01-495



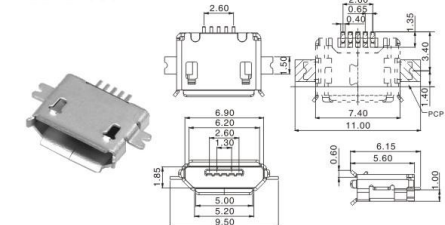
MICRO USB 5PIN/F 沉板 1.27
US01-002



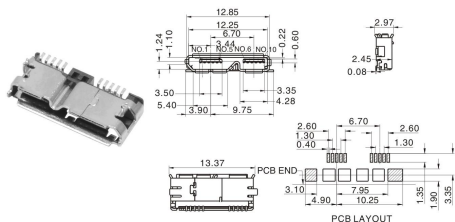
MICRO USB 5PIN/F SMT B TYPE 无卷边
US01-662



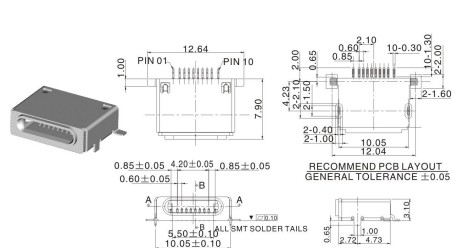
MICRO USB 5PIN/F沉板式
US10-095



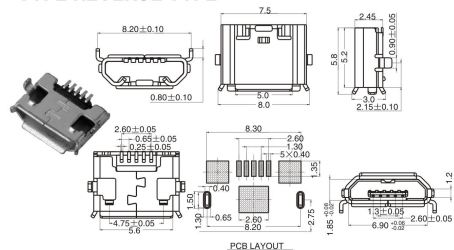
MICRO USB 3.0母座 SMT
US10-102



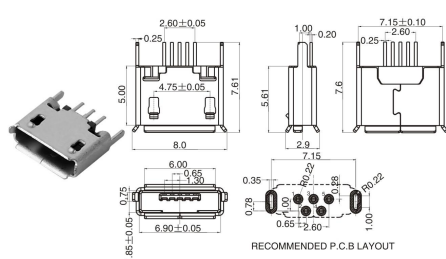
MC-112A



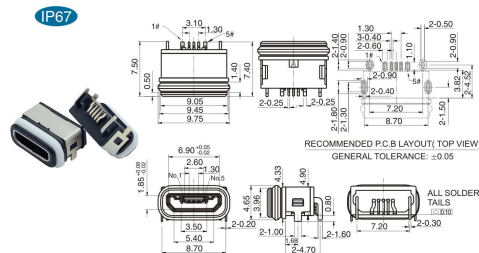
**MICRO USB 5P FEMALE B
TYPE REVERSE TYPE**



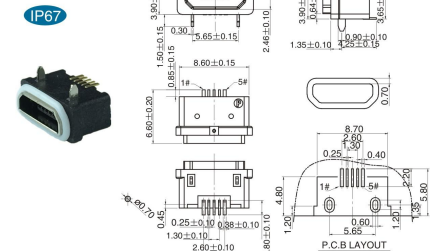
MICRO USB 5P FEMALE AB TYPE DIP 180°



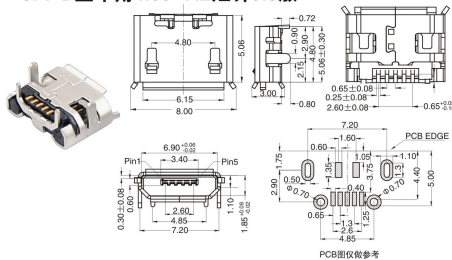
USB-1118



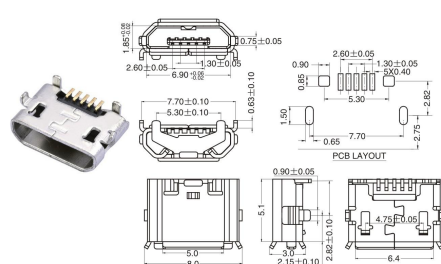
USB-1186-B3
帶定位柱



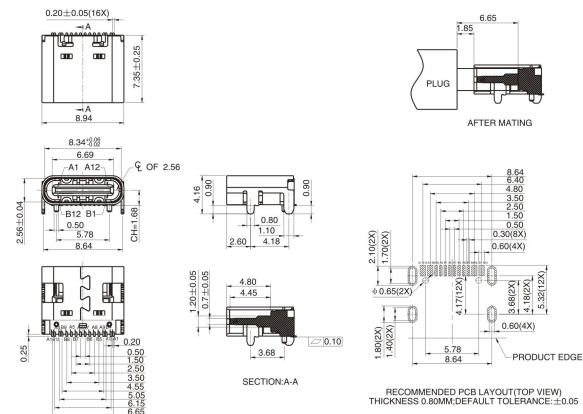
MIRCO USB
5PF B型牛角4.85-7.2短针0.8版



MICRO 5P F B 反向牛角内DIP 0.6(7.7-5.3)



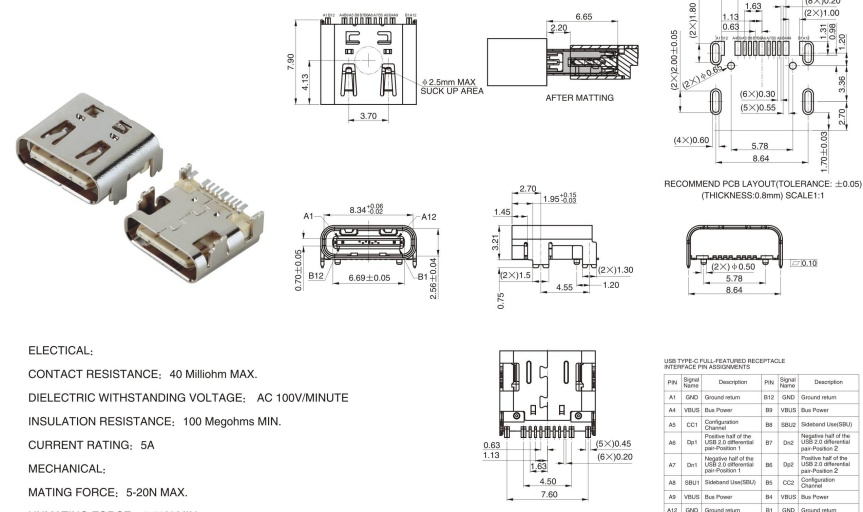
TYPE-CF-16P-RAT-L7.3



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B6	SBU2
A6	Dp1	B7	Dm2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TYPE-CF-W-16P-RAT-N



ELECTICAL:

CONTACT RESISTANCE: 40 Milliohm MAX.

DIELECTRIC WITHSTANDING VOLTAGE: AC 100V/MINUTE

INSULATION RESISTANCE: 100 Megohms MIN.

CURRENT RATING: 5A

MECHANICAL:

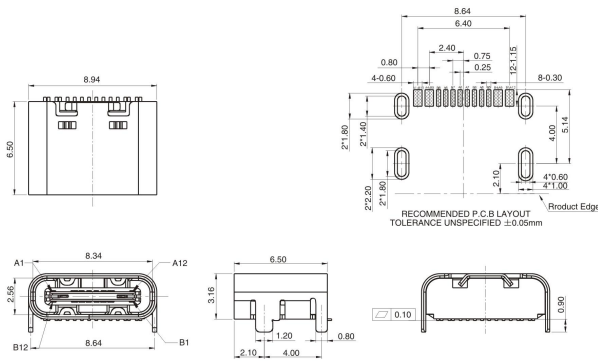
MATING FORCE: 5-20N MAX.

UNMATING FORCE: 6-20N MIN.

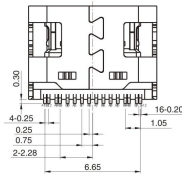
DURABILITY: 10000 CYCLES.

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBUS2	Sideband User(SBU2)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband User(SBU1)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

TYPE-CF-16P-RAT-L6.5

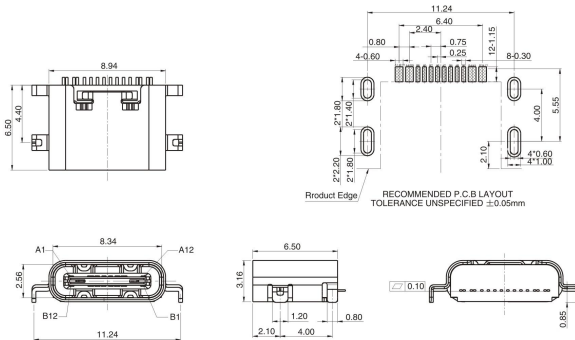


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

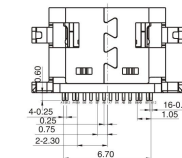


PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TYPE-CF-16P-OT0.8

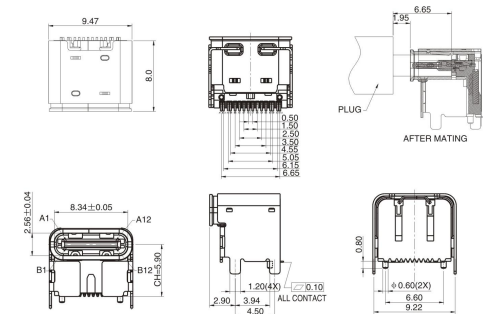


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TYPE-CF-16P-RAT-H5.9

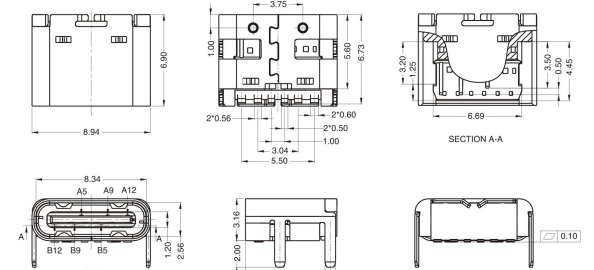


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

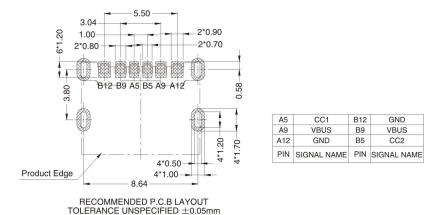
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DP2
A7	DN1	B6	CC2
A8	SBU1	B5	VBUS
A9	VBUS	B4	GND
A12	GND	B1	GND

TYPE-CF-6P-RAT-L6.9

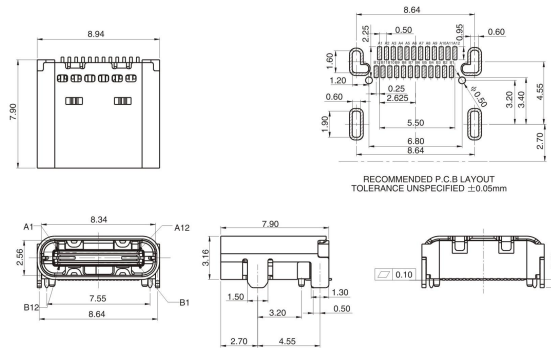


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

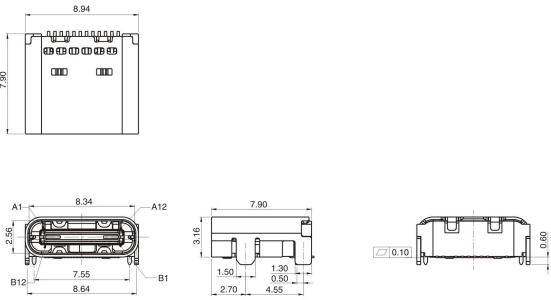
TYPE-CF-24P-RAT-Z



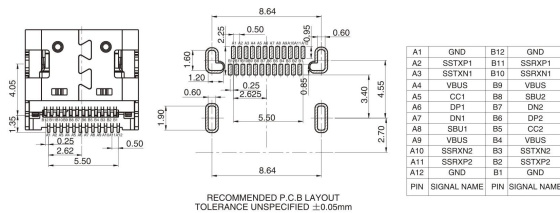
CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES



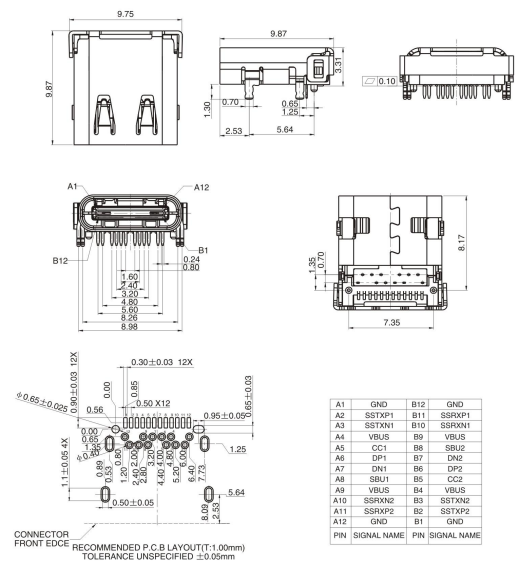
TYPE-CF-24P-RAT



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES



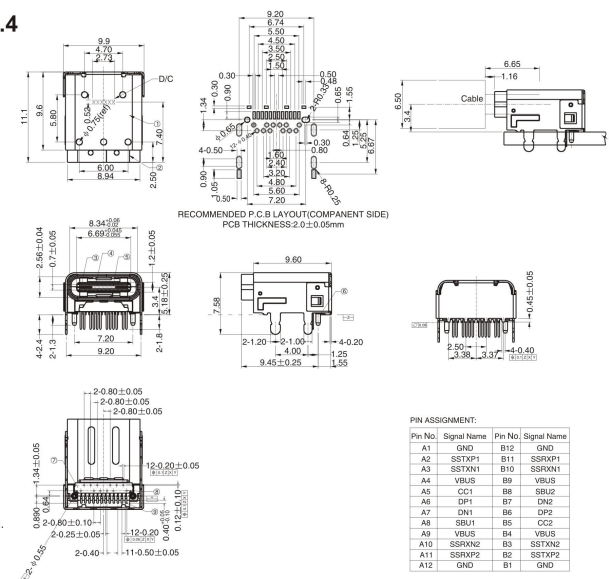
TYPE-CF-24P-RAT13



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SSU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND

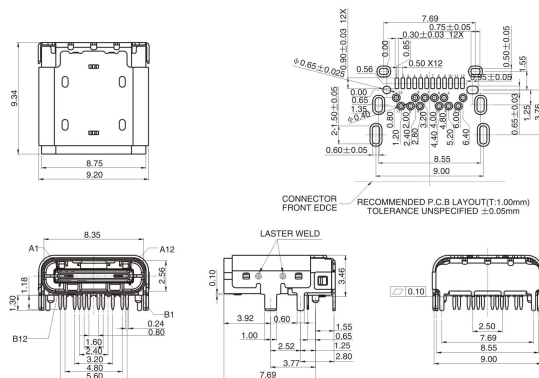
TYPE-CF-24P-RAT13-H3.4



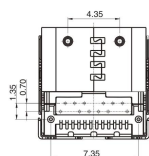
CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

PIN No.	Signal Name	PIN No.	Signal Name
A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SSU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND

TYPE-CF-24P-RAT13-H

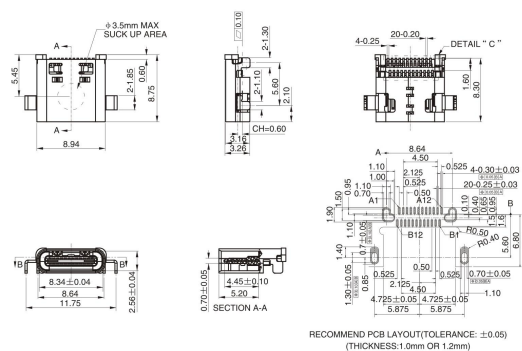


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES



A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

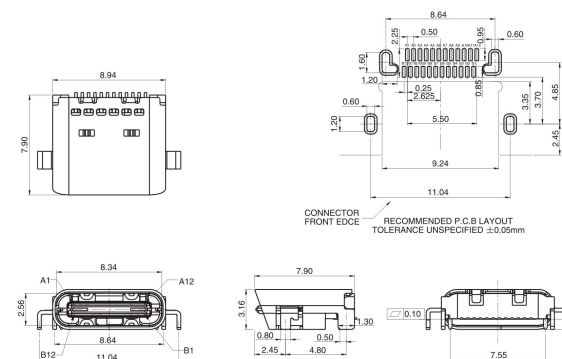
TYPE-CF-24P-OT1.0-L8.75



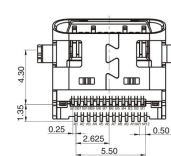
PSN	Signal Type	Description	PSN	Signal Type	Description
A1	GRD	Ground return	B12	GRD	Ground return
A2	STRT1	Positive half of first SuperSpeed TX differential pair	B13	STRT1	Positive half of first SuperSpeed RX differential pair
A3	STRT2	Negative half of first SuperSpeed TX differential pair	B14	STRT2	Negative half of first SuperSpeed RX differential pair
A4	VBUS	5V Power	B9	VBUS	5V Power
A5	CC1	CC Configuration Channel	B8	CC2	CC Configuration Channel (SR0)
A6	DP1	USB 2.0 differential pair channel 1	B5	DP2	USB 2.0 differential pair channel 2
A7	DP2	USB 2.0 differential pair channel 2	B6	DP0	USB 2.0 differential pair channel 0
A8	SR0	SR Configuration Channel	B5	CC0	CC Configuration Channel
A9	VBUS	5V Power	B4	VBUS	5V Power
A10	STRT1	Negative half of second SuperSpeed TX differential pair	B3	STRT2	Negative half of second SuperSpeed RX differential pair
A11	SR0	SR Configuration Channel	B2	STRT0	Positive half of second SuperSpeed TX differential pair
A12	GRD	Ground return	B1	GRD	Ground return

ELECTRICAL:
CONTACT RESISTANCE: 40 Milliohm MAX.
DIELECTRIC WITHSTANDING VOLTAGE: AC 100V/MINUTE
INSULATION RESISTANCE: 100 Megohms MIN.
MECHANICAL:
MATING FORCE: 5-20N MAX.
UNMATING FORCE: 8-20N MIN.
DURABILITY: 10000 CYCLES.

TYPE-CF-24P-OT0.8-S

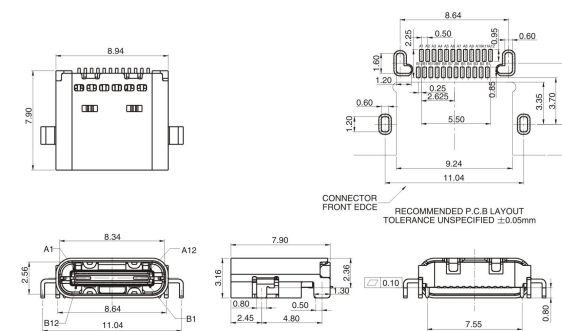


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES

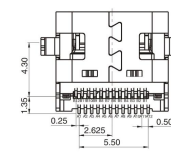


A1	GND	B12	GND
A2	SSTXP1	B11	SSRX1P1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DM2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRX1P2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TYPE-CF-24P-OT0.8

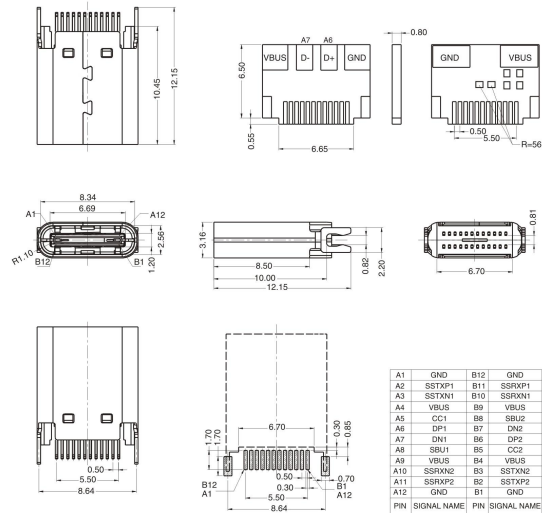


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES



A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TYPE-CF-24P-PT0.8-S1

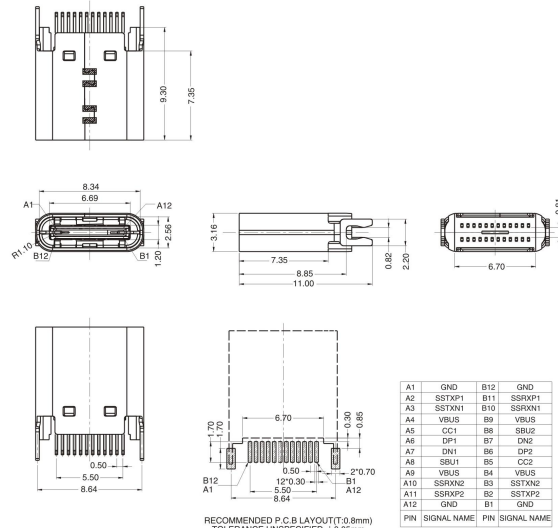


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SRU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND

RECOMMENDED P.C.B. LAYOUT(T:0.8mm)
TOLERANCE UNSPECIFIED ±0.05mm

TYPE-CF-24P-PT0.8-S1-L9.3

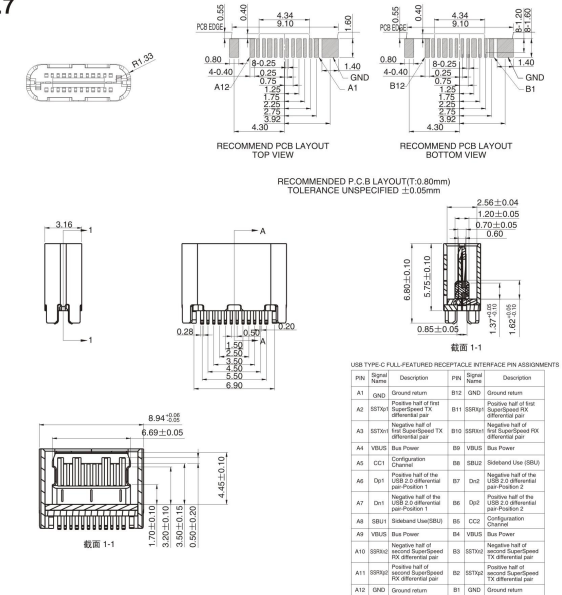


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SRU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND

RECOMMENDED P.C.B. LAYOUT(T:0.8mm)
TOLERANCE UNSPECIFIED ±0.05mm

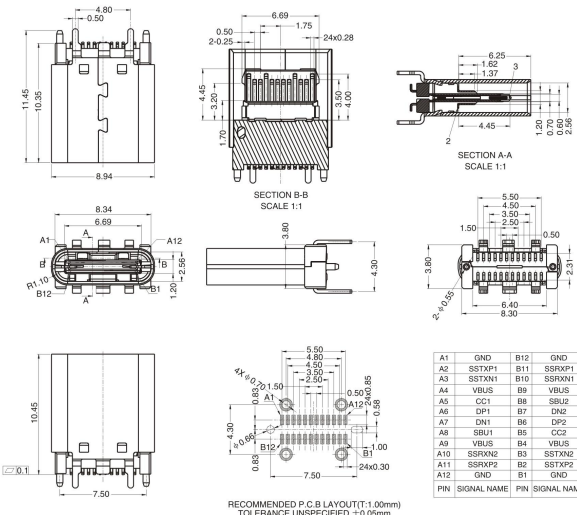
TYPE-CF-24P-PT0.8-S1-L5.7



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXP1	Positive half of the USB 2.0 differential TX differential pair	B11	SSRXN1	Negative half of the USB 2.0 differential TX differential pair
A3	SSTXN1	Negative half of the USB 2.0 differential TX differential pair	B10	SSRXN1	Negative half of the USB 2.0 differential TX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Character	B8	SRU2	Standby Use (SRU)
A6	DP1	Positive half of the USB 2.0 differential pair-Position 1	B7	DN2	Negative half of the USB 2.0 differential pair-Position 2
A7	DN1	Negative half of the USB 2.0 differential pair-Position 1	B6	DP2	Positive half of the USB 2.0 differential TX differential pair
A8	SRU1	Standby Use (SRU)	B5	CC2	Configuration Character
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXN2	Negative half of the USB 2.0 differential TX differential pair	B3	SSTXN2	Negative half of the USB 2.0 differential TX differential pair
A11	SSRXN2	Positive half of the USB 2.0 differential TX differential pair	B2	SSTXP2	Positive half of the USB 2.0 differential TX differential pair
A12	GND	Ground return	B1	GND	Ground return

TYPE-CF-24P-VT

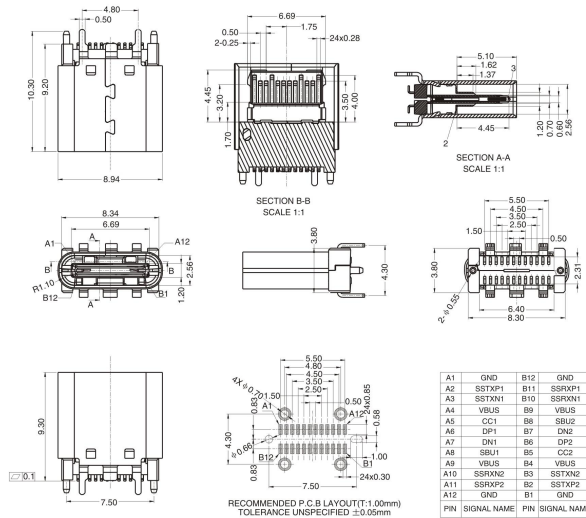


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C ~ 85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N ~ 20N
UNMATING FORCE: 8N ~ 20N
DURABILITY: 10,000 CYCLES

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXP1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SRU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SRU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXN2	B2	SSTXP2
A12	GND	B1	GND

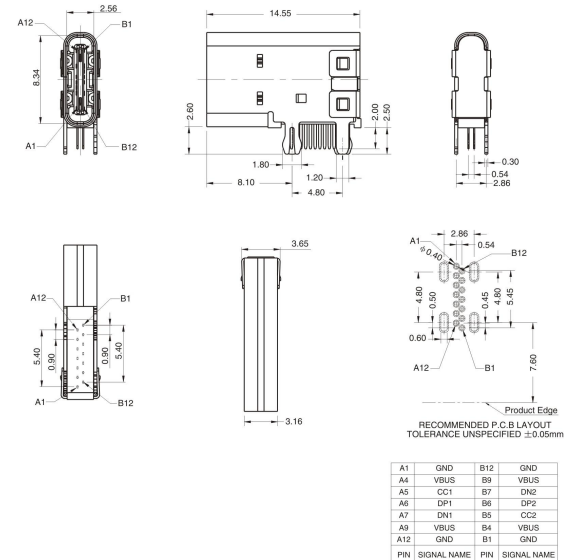
RECOMMENDED P.C.B. LAYOUT(T:1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

TYPE-CF-24P-VT-L9.3



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

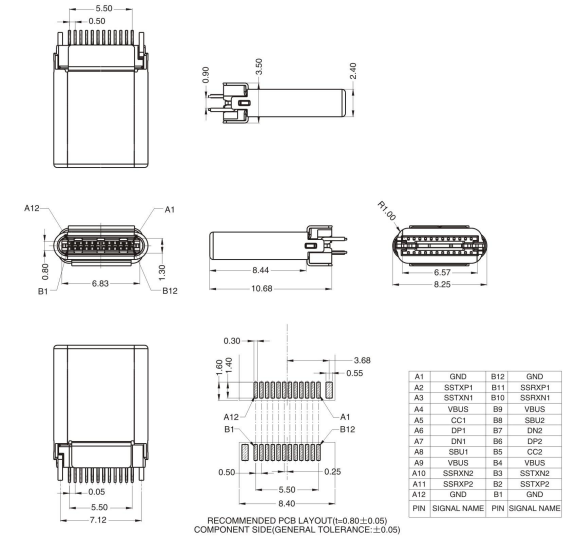
TYPE-CF-14P-FT



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

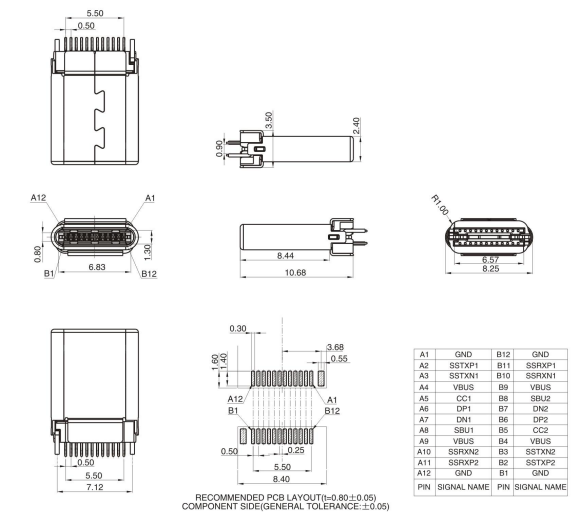
TYPE-CM-24P-RT1.0-S2

TID



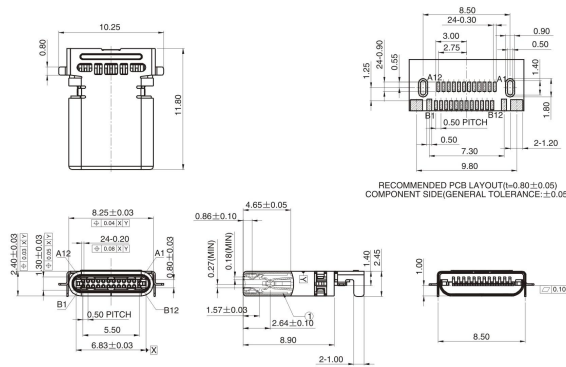
CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

TYPE-CM-24P-RT1.0-S1



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

TYPE-CM-24P-RAT-L11.8

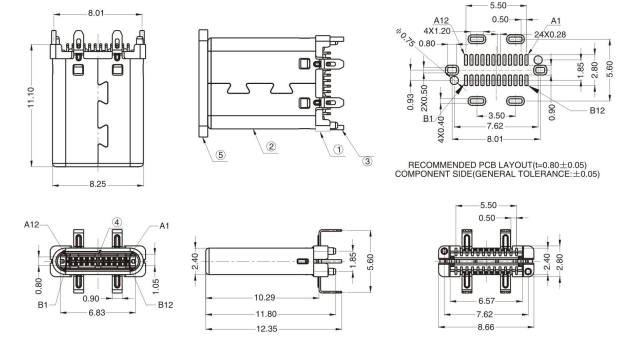


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

Pin Assignments And Mating Sequence:

Pin No.	Signal Name	Mating Sequence	Pin No.	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXp1	Second	B10	SSRXp1	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	CC2	Second
A6	DP1	Second	B7	DN2	Second
A7	DN1	Second	B6	DP2	Second
A8	SSRXp2	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXp2	Second	B3	SSTXp2	Second
A11	SSTXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
Shell	GND	Shell	Shell	GND	Shell

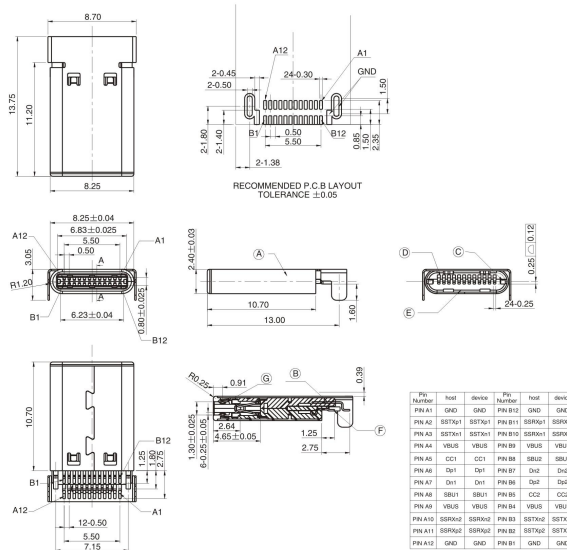
TYPE-CM-24P-4



CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

Pin	SIGNAL NAME	Pin	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXp1	B10	SSRXp1
A4	VBUS	B9	VBUS
A5	CC1	B8	CC2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SSRXp2	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXp2	B3	SSTXp2
A11	SSTXp2	B2	SSTXp2
A12	GND	B1	GND

TYPE-CF-24P-RAT

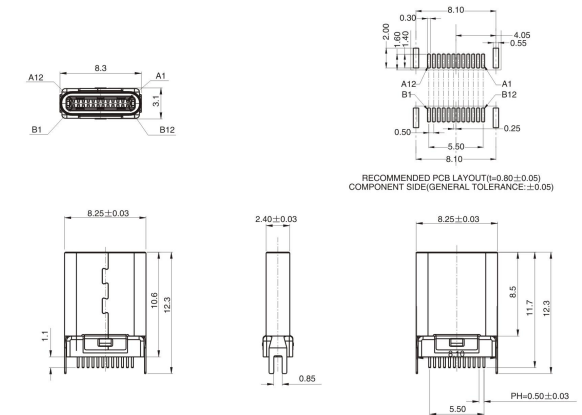


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

Pin Assignments And Mating Sequence:

Pin Number	Test device	Pin Number	Test device
PR1A1	GND	PR1B12	GND
PR1A2	SSTXp1	PR1B11	SSRXp1
PR1A3	SSTXp1	PR1B10	SSRXp1
PR1A4	VBUS	PR1B9	VBUS
PR1A5	CC1	PR1B8	CC2
PR1A6	DP1	PR1B7	DN2
PR1A7	DN1	PR1B6	DP2
PR1A8	SSRXp2	PR1B5	CC2
PR1A9	VBUS	PR1B4	VBUS
PR1A10	SSRXp2	PR1B3	SSTXp2
PR1A11	SSTXp2	PR1B2	SSTXp2
PR1A12	GND	PR1B1	GND

TYPE-CM-24P-PT-8.5

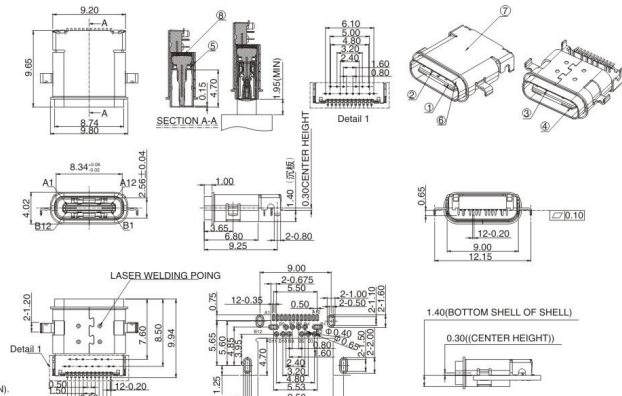


CURRENT RATING: 5.0A MAX
VOLTAGE: 100 VAC
TEMPERATURE RANGE: -30°C~85°C
CONTACT RESISTANCE: 40 MILLIONHM MAX
INSULATION RESISTANCE: 100 MEGOHMS MIN.
INSERTION FORCE: 5N~20N
UNMATING FORCE: 8N~20N
DURABILITY: 10,000 CYCLES

Pin	SIGNAL NAME	Pin	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXp1	B10	SSRXp1
A4	VBUS	B9	VBUS
A5	CC1	B8	CC2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SSRXp2	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXp2	B3	SSTXp2
A11	SSTXp2	B2	SSTXp2
A12	GND	B1	GND

U501T24J4FZL2

IP67



- NOTES:
- 1.MATERIAL SEE "TABLE 1";
 - 2.FINISH SEE "TABLE 1";
 - 3.ELECTRICAL:
 - 3-1.CONTACT CURRENT RATING:
5A(VBUS PIN 1.5A(PIN),
5A(GND PIN 1.25A(PIN MAX), 0.25A(PIN(OTHER PIN).
 - 3-2.INSULATION RESISTANCE:
100 MEGOHMS MIN. AT 250VDC.
 - 3-3.DIELECTRIC WITHSTANDING VOLTAGE:
100VAC MIN.
 - 3-4.LOW LEVEL CONTACT RESISTANCE:
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
 - 4.MECHANICAL CHARACTERISTICS:
 - 4-1.MATING FORCE: 5-20N;
 - 4-2.UNMATING FORCE: 8-20N(INITIAL,
6-20N(AFTER 10000 CYCLES);
 - 4-3.DURABILITY: 10,000 MATING CYCLES.
 - 4-4.OPERATING TEMPERATURE: -40°C TO +80°C

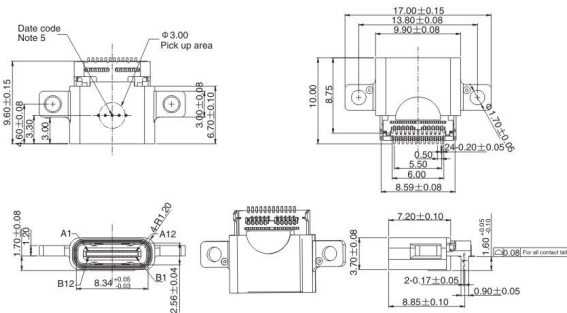
TABLE 1:

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
①	GLUE WATER	1	EPOXY	BLACK	
②	Shell-2	1	Stainless steel	AU PLATED	T=0.20mm
③	Shell-1	1	Stainless steel	NI PLATED	T=0.20mm
④	MID PLATE	1	Stainless steel	NI PLATED	T=0.10mm
⑤	Terminal-B	12	Copper Alloy	AU PLATED	T=0.15mm
⑥	Terminal-A	12	Copper Alloy	AU PLATED	T=0.15mm
⑦	Housing	1	HIGH TEMP	Black	

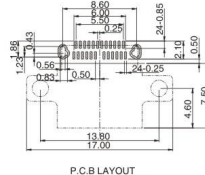
Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXN1	Second	B11	SSRXN1	Second
A3	SSTXN1	Second	B10	SSRXN1	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	SBU2	Second
A6	DP1	Second	B7	DN2	Second
A7	DP1	Second	B6	DP2	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXN2	Second	B3	SSTXN1	Second
A11	SSRXN2	Second	B2	SSTXN1	Second
A12	GND	First	B1	GND	First

UB31AF002-1 M15 (防水TYPE.C 沉板1.6)

IP67



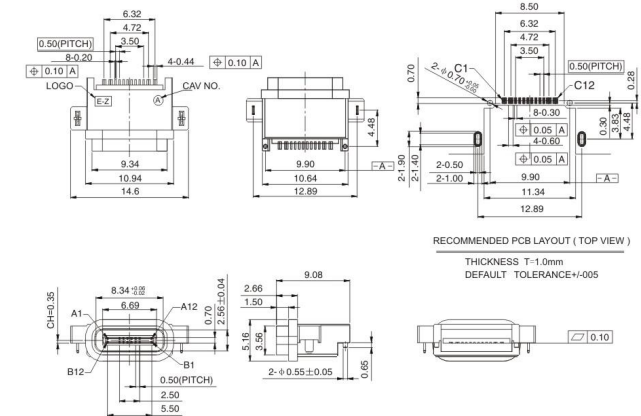
- Specification:
- 1.Current Rating: 1.0 AMP
 - 2.Voltage Rating: 30V AC, DC
 - 3.Dielectric Strength: 500V AC RMS for 1 minute.
 - 4.Contact Resistance: 30mΩ Max.
 - 5.Insulator Resistance: 500MΩ Min. AT 250V DC.
 - 6.Mating/Unmating cycles: 2000cycles
 - 7.Temperature: -20°C to +60°C



PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXN1	B11	SSRXN1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSRXN2
A11	SSRXN2	B2	SSRXN2
A12	GND	B1	GND

USBC-1100A-C165-WP

IP67



- NOTE
- SPECIFICATION:
1. CURRENT RATING: 3.0A MAX
 2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
 3. TEMPERATURE RANGE: -30°C~85°C.
 4. CONTACT RESISTANCE: 40 MILLIONHM MAX
 5. INSULATION RESISTANCE: 100 MEGOHMS MIN
 6. INSERTION FORCE: 5N-20N
 7. UNMATING FORCE: 8N-20N
 8. DURABILITY: 10,000 CYCLES

IN TERF ACE(FRONT VIEW)

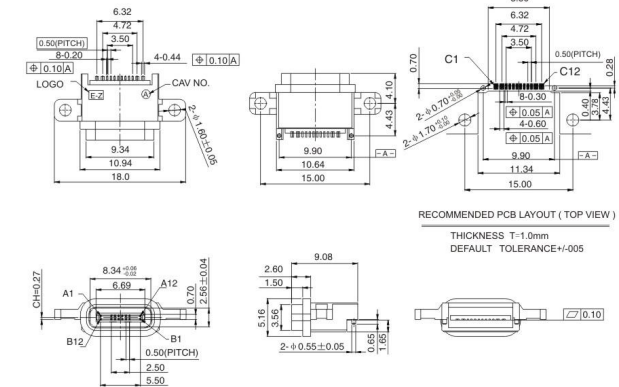
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	VBUS	CC1	DP1	DN1	SBU1	VBUS	GND	GND	GND	GND	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	SBUS2	CC1	DN2	DP1	DN1	DP2	SBUS1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12

USBC-1100-C165-WP

IP67



- NOTE
- SPECIFICATION:
1. CURRENT RATING: 3.0A MAX
 2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
 3. TEMPERATURE RANGE: -30°C~85°C.
 4. CONTACT RESISTANCE: 40 MILLIONHM MAX
 5. INSULATION RESISTANCE: 100 MEGOHMS MIN
 6. INSERTION FORCE: 5N-20N
 7. UNMATING FORCE: 8N-20N
 8. DURABILITY: 5000 CYCLES

IN TERF ACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	VBUS	CC1	DP1	DN1	SBUS1	VBUS	GND	GND	GND	GND	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	SBUS2	CC1	DN2	DP1	DN1	DP2	SBUS1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12

USBC-1102

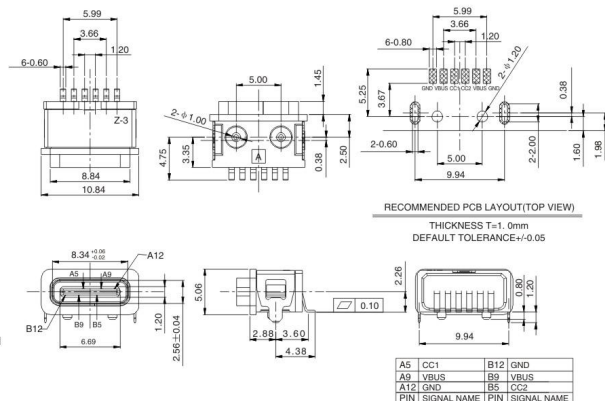
IP67



NOTE

SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30°C~85°C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN
6. INSERTION FORCE: 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 5000 CYCLES



USBC-1103

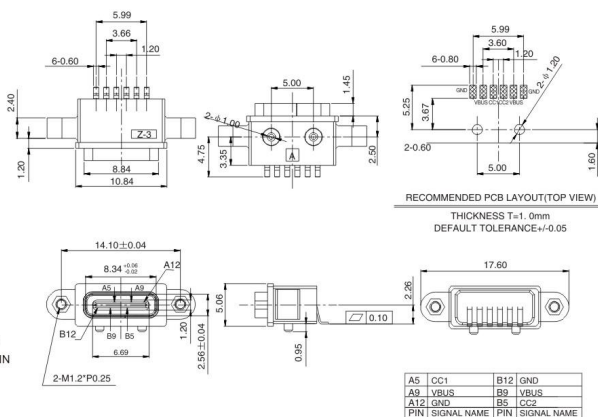
IP67



NOTE

SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30°C~85°C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN
6. INSERTION FORCE: 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 5000 CYCLES



USBC-1103A

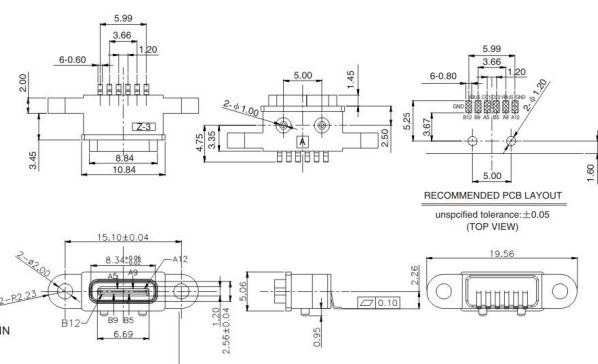
IP67



NOTE

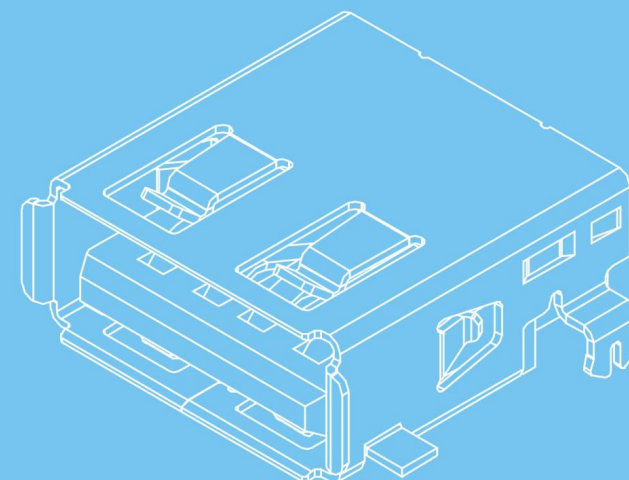
SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30°C~85°C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN
6. INSERTION FORCE: 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 5000 CYCLES

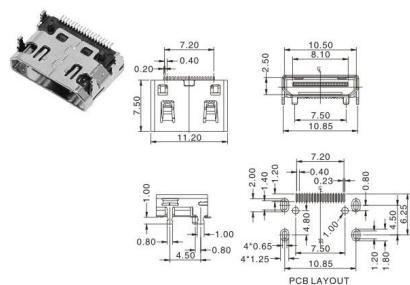


HDMI JACK SERIES

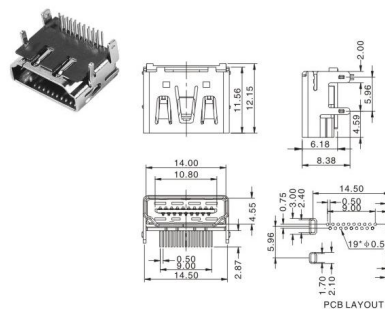
HDMI插座系列



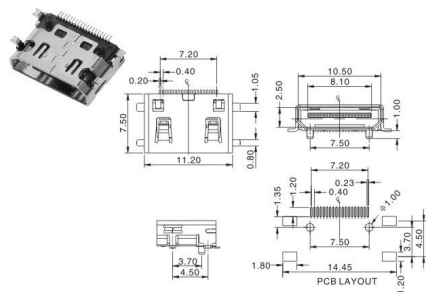
MINI HDMI 19PIN/F脚90度针贴片
HD01-011



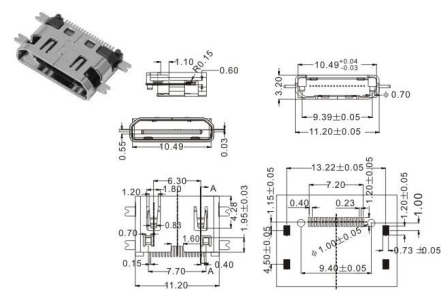
MINI HDMI 19PIN/F90度有凸点
HD01-001



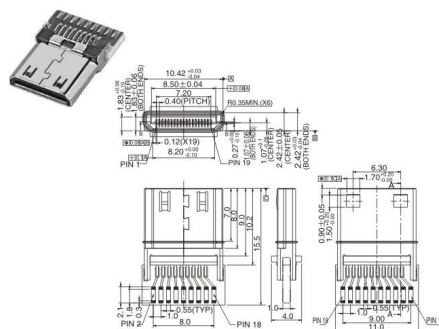
MINI HDMI 19PIN/F全贴
HD01-012



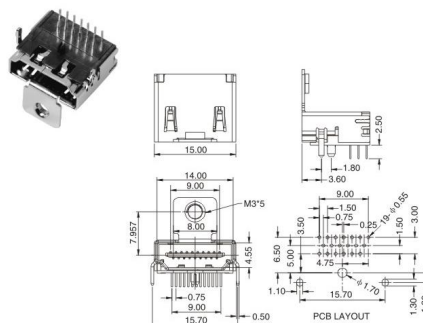
MINI HDMI 19PIN/F 沉板式
HD10-021



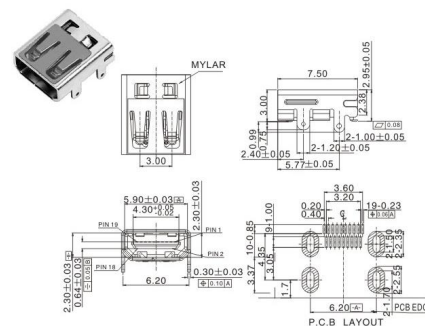
MINI HDMI 19PIN/M 焊线式
HD10-022



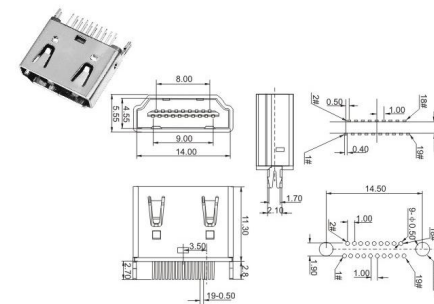
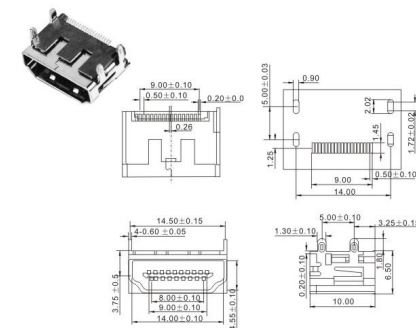
HDMI 19PIN/F 三排90度 单耳 (孔距7.975)
HD01-026



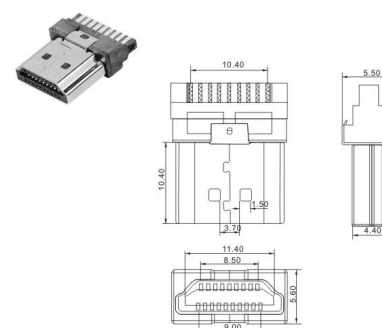
HDH02



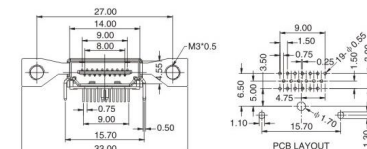
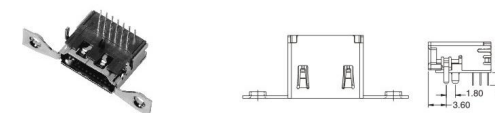
HDMI 19PIN/F 夹板式
HD10-003

HDMI 19PIN/F SMT 反向
HD10-006

MINI HDMI 19PIN/M 短体 焊线式
HD10-010

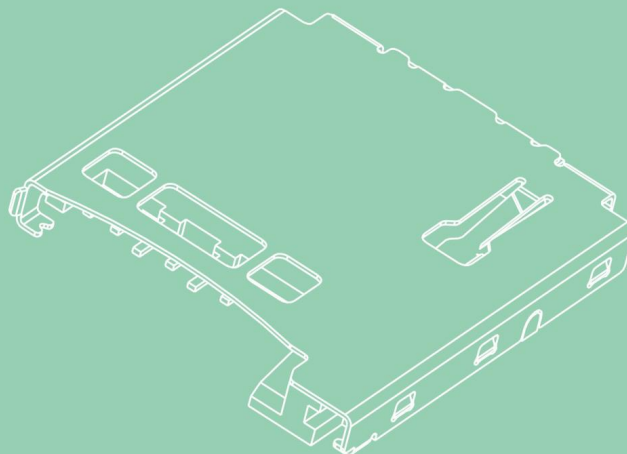


HDMI 19PIN/F 三排90度 双耳
HD01-028

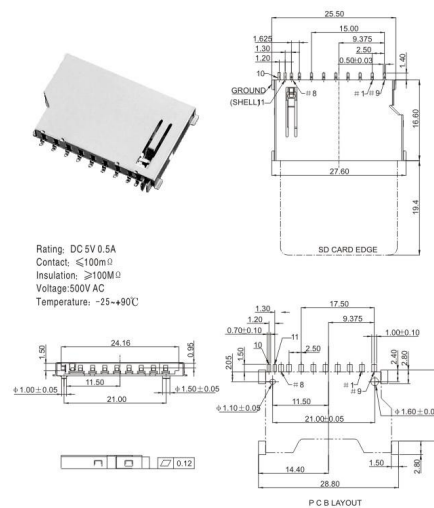


CARD-SOCKET SERIES

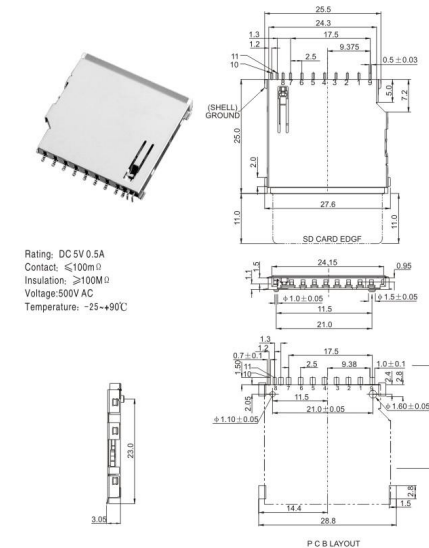
卡座系列



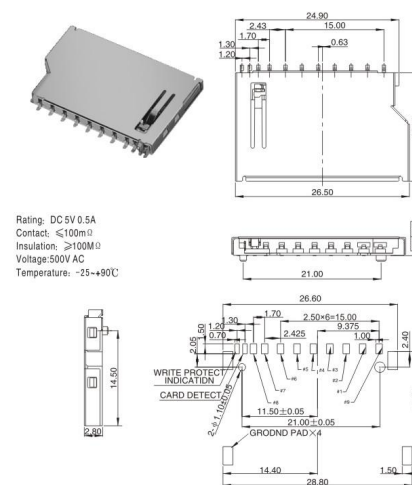
SD1002



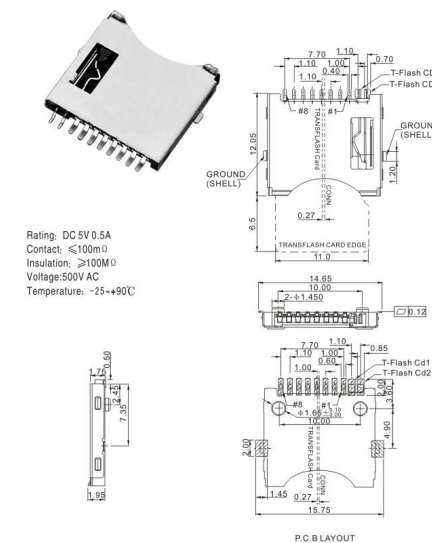
SD1003



SD1002B



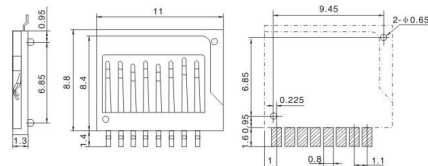
MINI SD1005



SD1005G



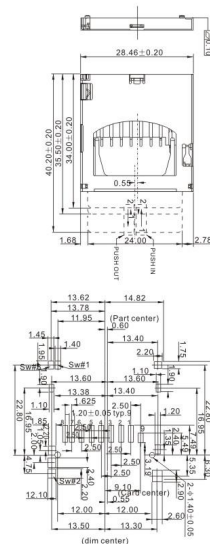
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



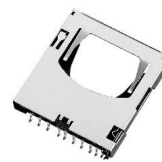
SD1006A



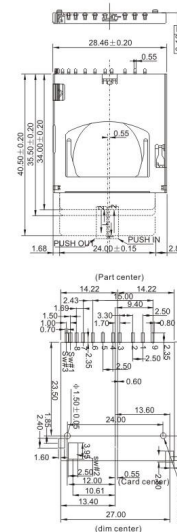
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SD1006B



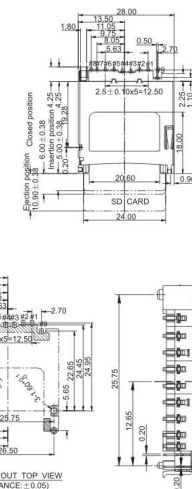
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



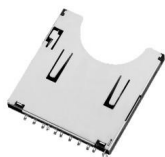
SD1008



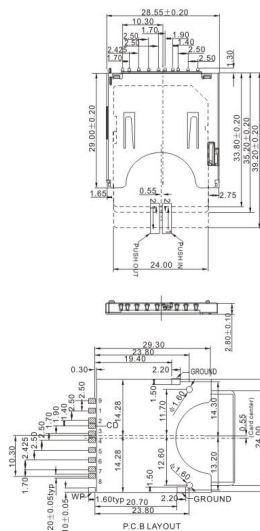
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SD1006



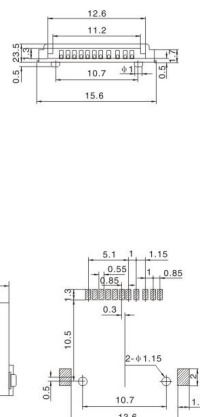
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



M-TWO



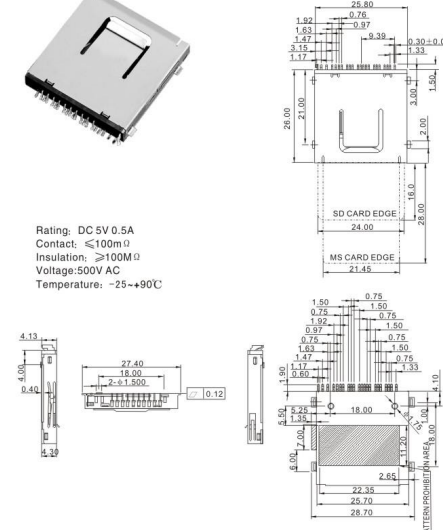
Rating: DC 5V 0.5A
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Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SD1007



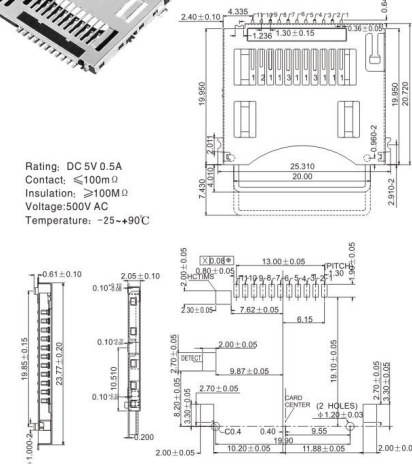
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SD1009



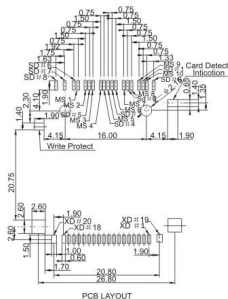
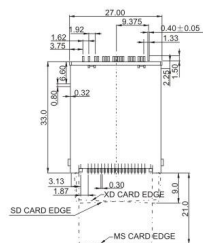
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SD1010



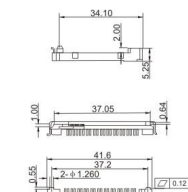
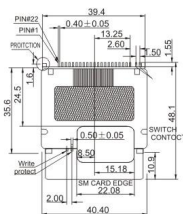
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



MS1001



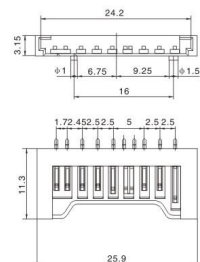
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



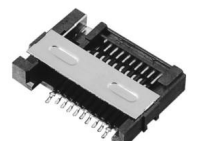
SD1012



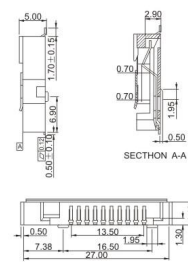
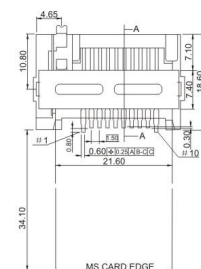
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



MS1002



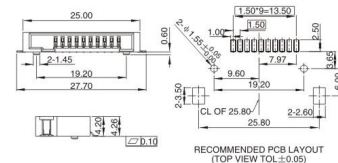
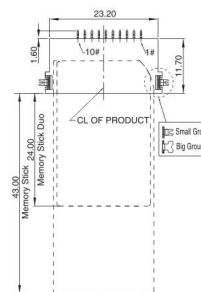
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



MS1010



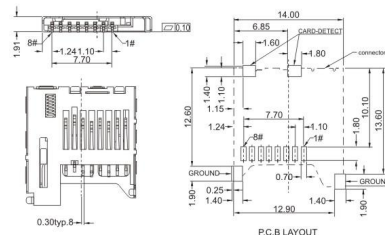
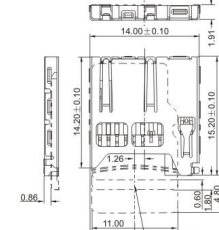
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



TF1007



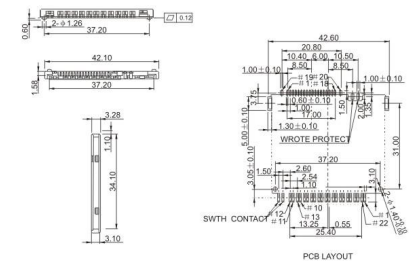
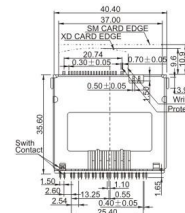
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



SX101



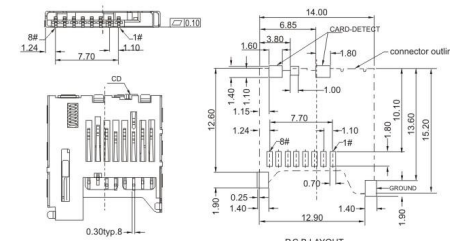
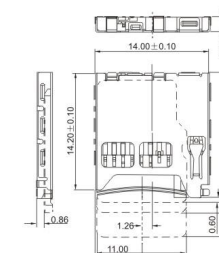
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



TF1007A



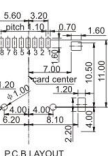
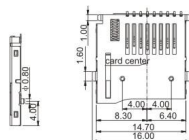
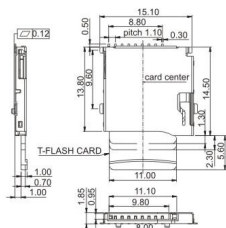
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ\text{C}$



TF1007F



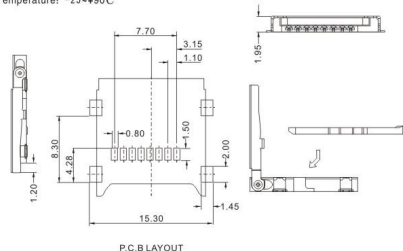
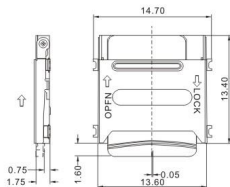
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



TF1009



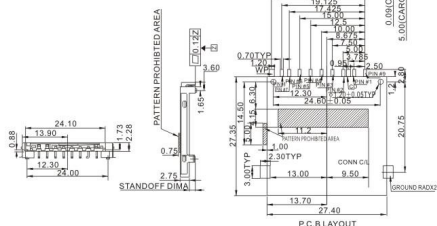
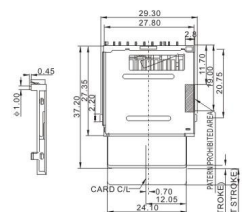
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



TF1008



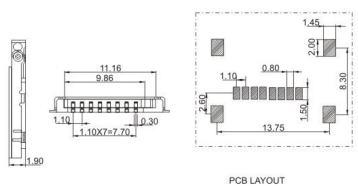
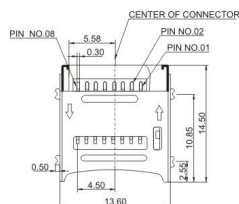
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



TF1010



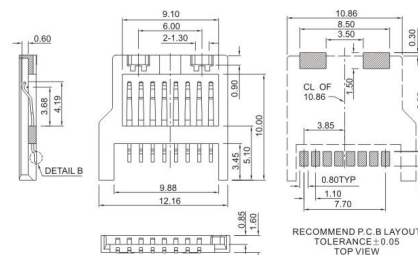
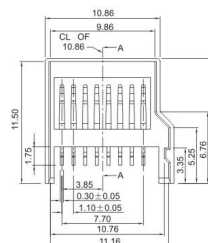
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



TF1011



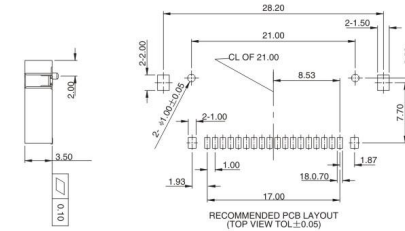
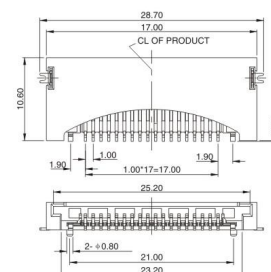
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



XD1011A



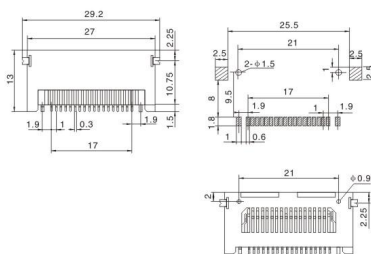
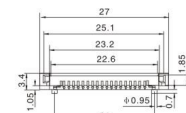
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



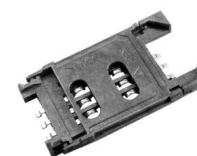
XD1011



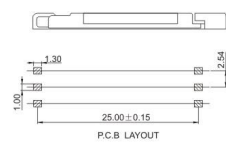
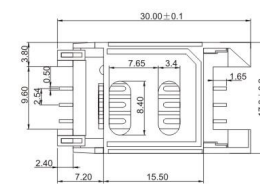
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



SIM-2.54-1



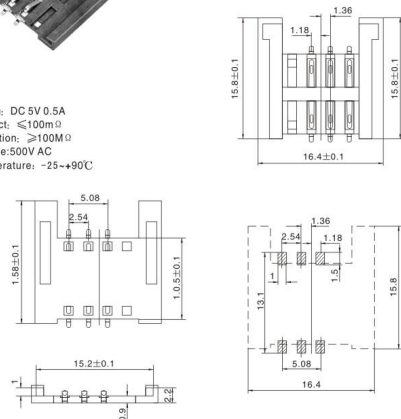
Rating: DC 5V 0.5A
Contact: $\leq 100m\Omega$
Insulation: $\geq 100M\Omega$
Voltage: 500V AC
Temperature: $-25 \sim +90^\circ C$



SIM-2.54-2.2



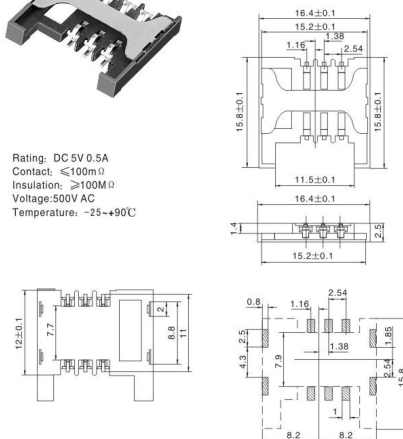
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SIM-2.54-2.5



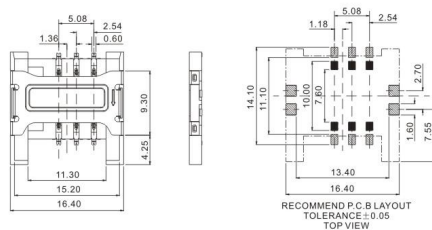
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SIM-2.54-1.8B



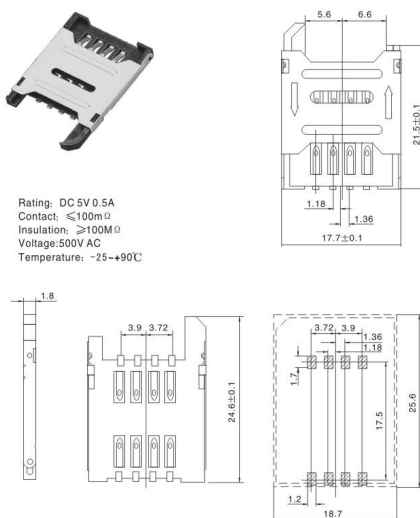
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SIM-2.54-4



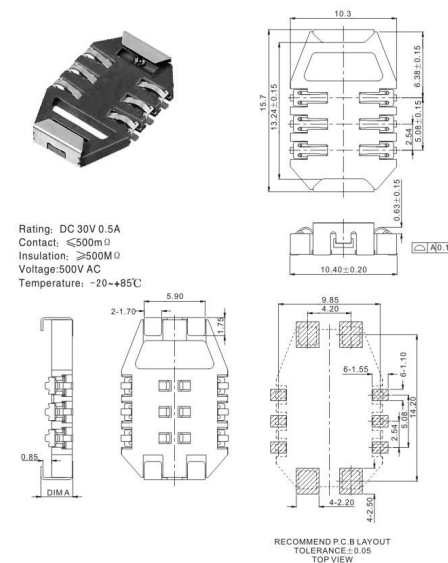
Rating: DC 5V 0.5A
Contact: $\leq 100\text{m}\Omega$
Insulation: $\geq 100\text{M}\Omega$
Voltage: 500V AC
Temperature: $-25\sim+90^{\circ}\text{C}$



SIM-2.54-3.3F



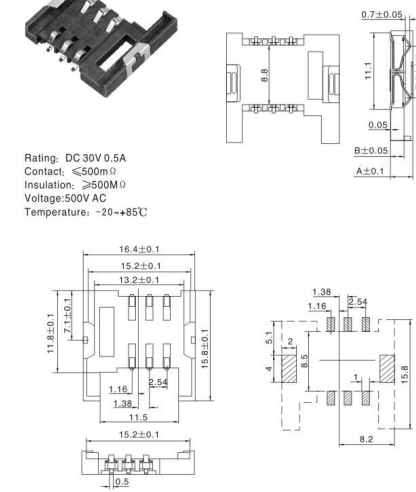
Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



SIM-2.54-HC



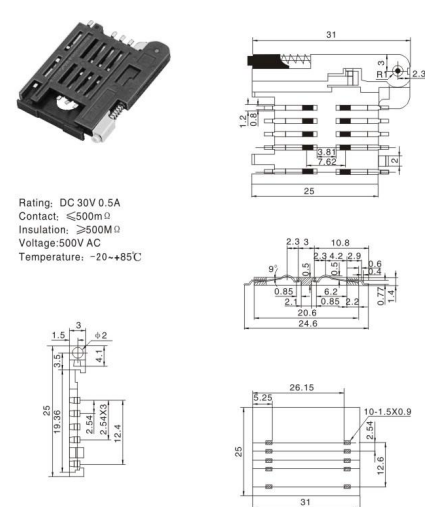
Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



SIM-2.54-8F



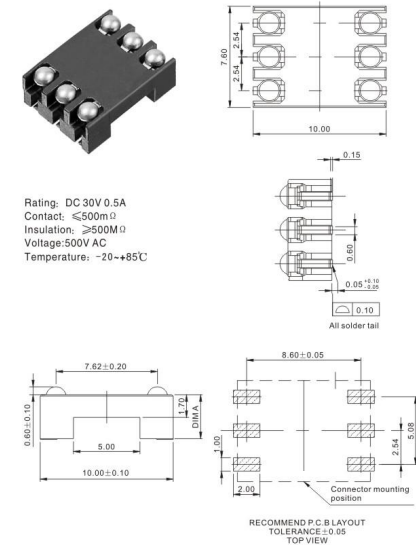
Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



SIM-2.54-HD



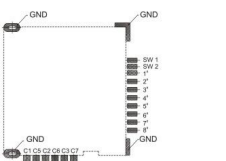
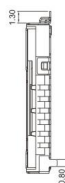
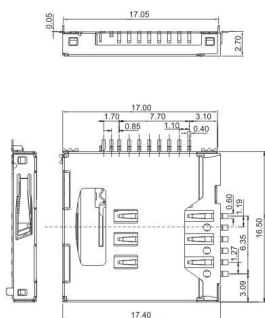
Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



SIM-09



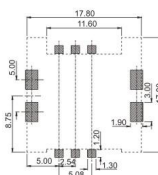
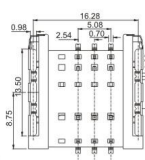
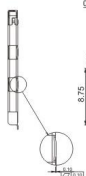
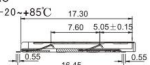
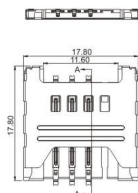
Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



SIM-11



Rating: DC 30V 0.5A
Contact: $\leq 500\Omega$
Insulation: $\geq 500M\Omega$
Voltage: 500V AC
Temperature: $-20\sim+8$

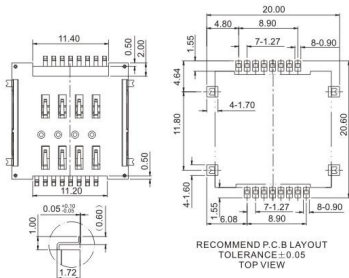
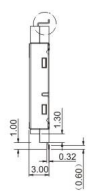
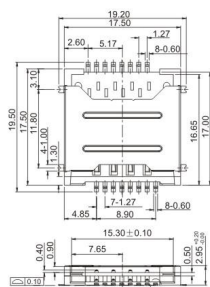


RECOMMEND P.C.B LAYOUT
TOLERANCE ± 0.05
TOP VIEW

SIM-10



Rating: DC 30V 0.5A
Contact: $\leq 500\text{m}\Omega$
Insulation: $\geq 500\text{M}\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$

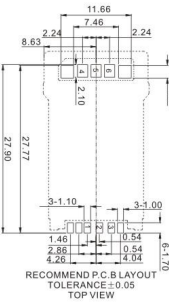
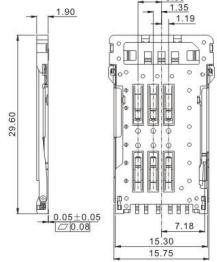
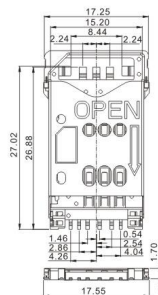


RECOMMEND P.C.B LAYOUT
TOLERANCE ± 0.05
TOP VIEW

SIM-12



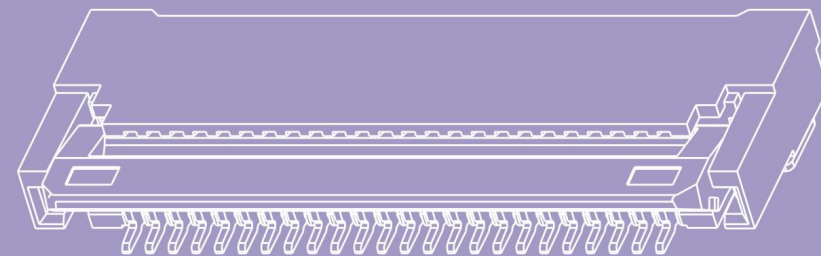
Rating: DC 30V 0.5A
Contact: $\leq 500\Omega$
Insulation: $\geq 500\Omega$
Voltage: 500V AC
Temperature: $-20\sim+85^{\circ}\text{C}$



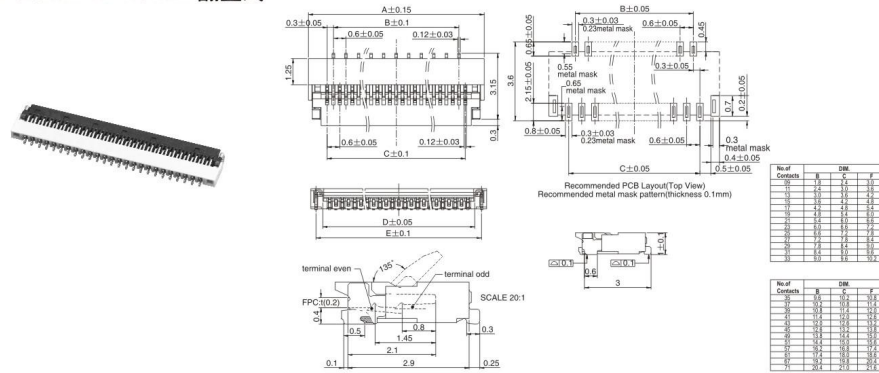
RECOMMEND P.C.B LAYO
TOLERANCE ± 0.05
TOP VIEW

FPC CONNECTOR SERIES

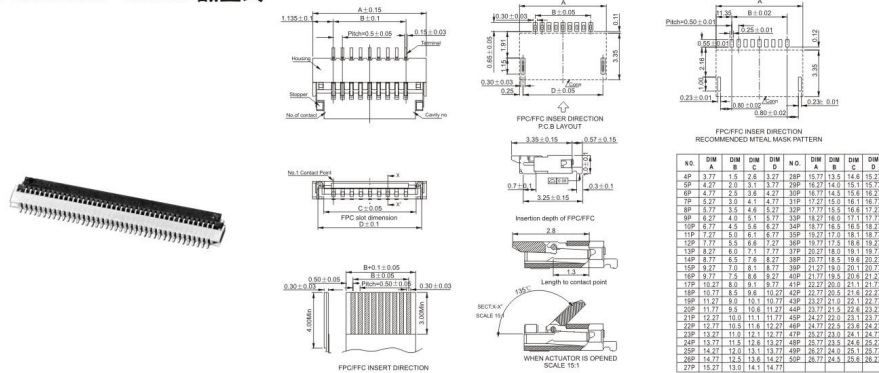
FPC连接器



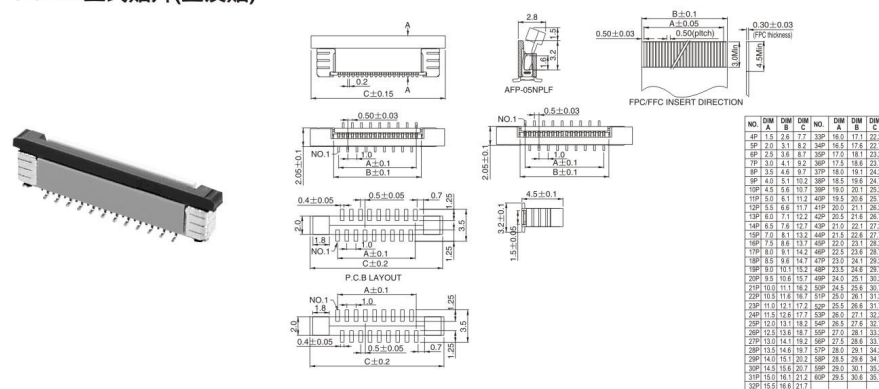
FPC 0.3mm H=1.0mm 翻盖式



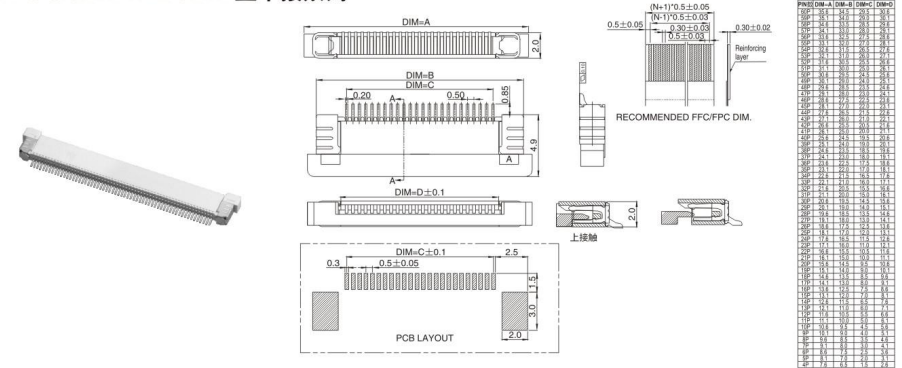
FPC 0.5mm H=1.0mm 翻盖式



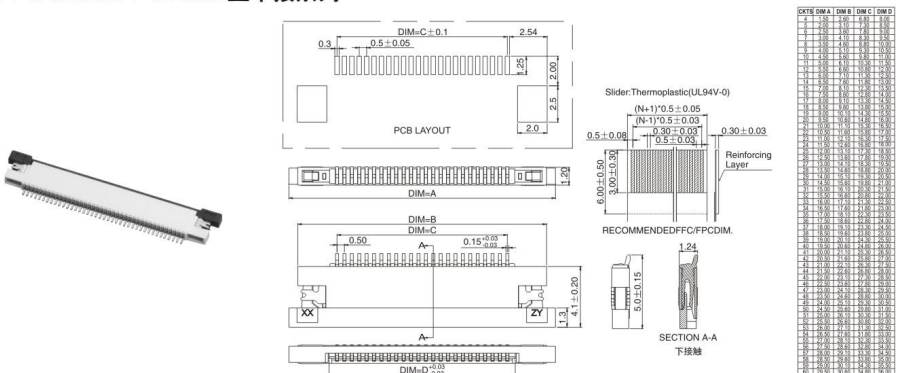
FPC 0.5mm 立式贴片(正反贴)



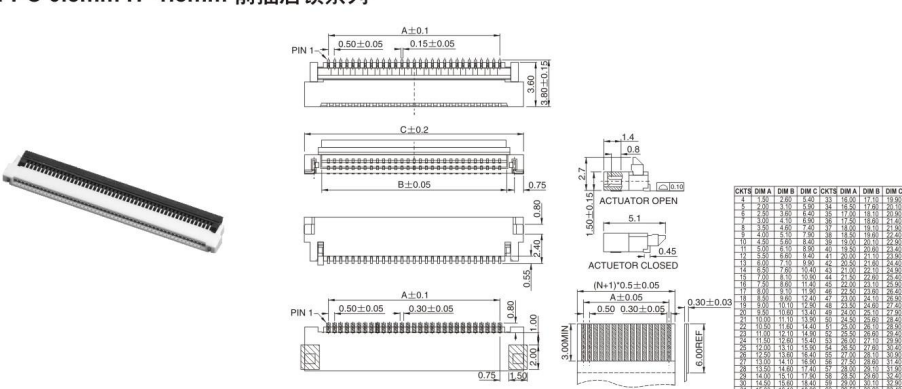
FPC 0.5mm H=2.0mm 上下接系列



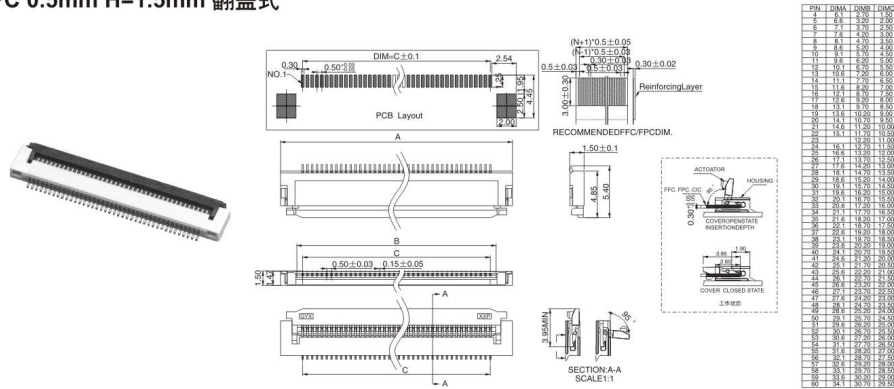
FPC 0.5mm H=1.2mm 上下接系列



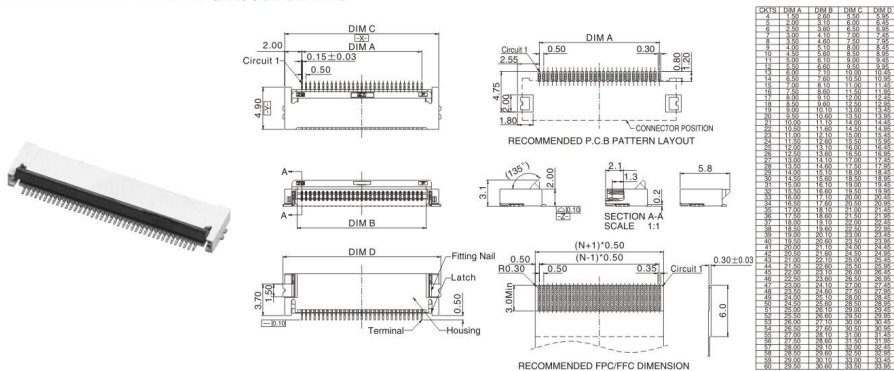
FPC 0.5mm H=1.5mm 前插后锁系列



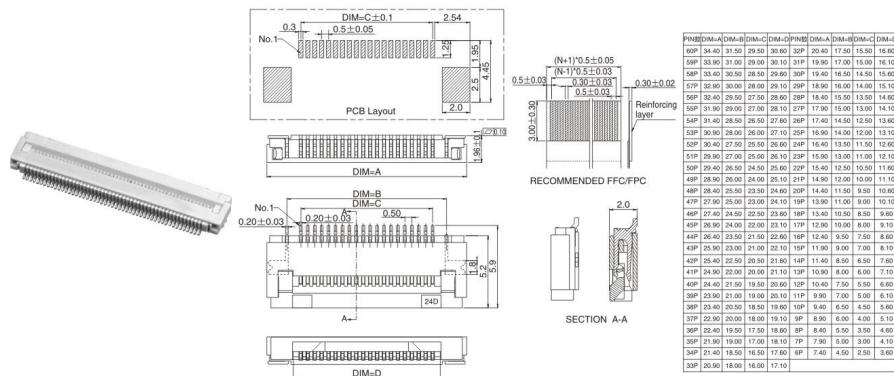
FPC 0.5mm H=1.5mm 翻盖式



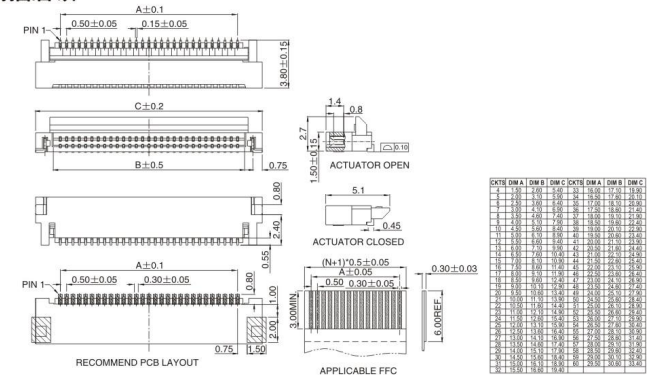
FPC 0.5mm H=2.0mm 前插后锁系列



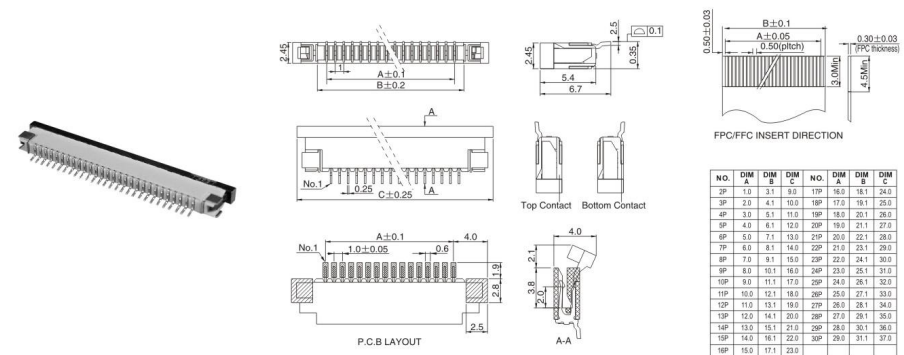
FPC 0.5mm H=2.0mm 翻盖式



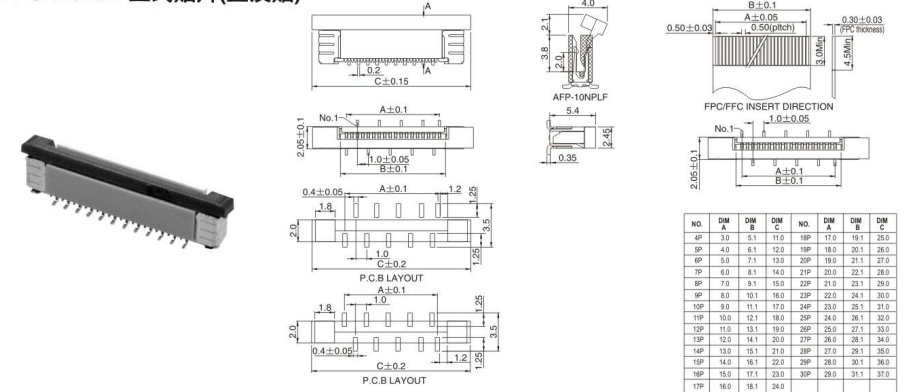
FPC 0.5mm H=1.5mm 前插后锁



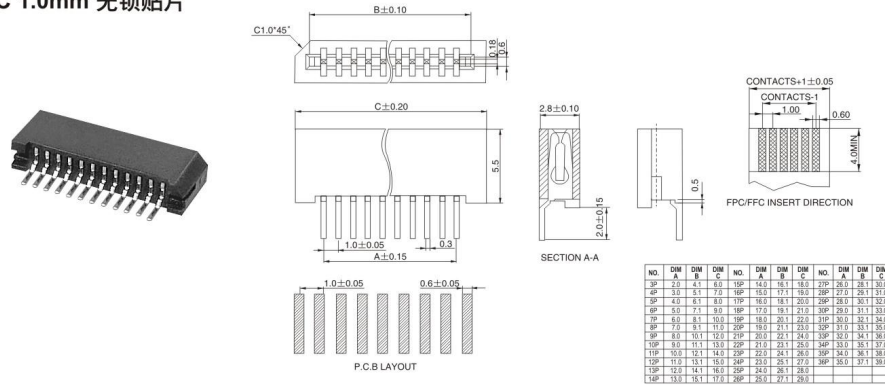
FPC 1.0mm H=2.5mm 上下接系列



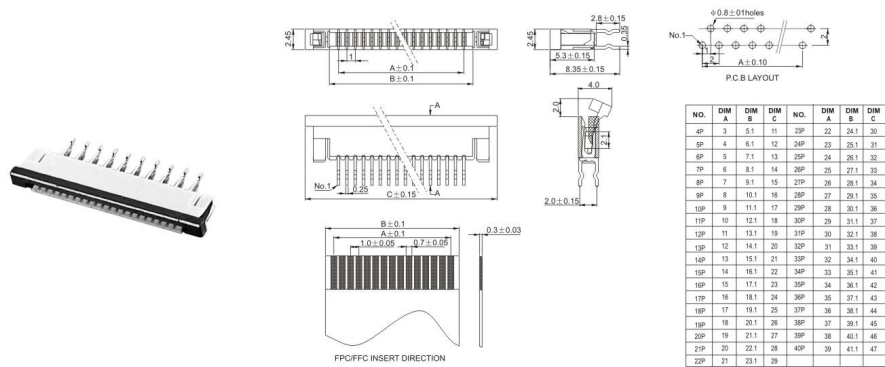
FPC 1.0mm 立式贴片(正反贴)



FPC 1.0mm 无锁贴片



FPC 1.0mm 180°



FPC 1.0mm 无锁直插

