

» Features

- Metal dome and rubber dome options.
- Precise design terminal type adequate for DIP IC pitch size (multiple of 2.54mm).
- Adequate for DIP & SMT.
- Several LED colors options.
- Several traveling force options.
- Several cap legends options.

» Applications

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



» Specifications

SERIES	PB617	PB627	PB637	TP647
Rating	50mA 48VDC	10mA 12VDC	50mA 48VDC	50mA 12VDC
Insulation Resistance	100MΩ Min (at 500 VDC)	100MΩ Min (at 500 VDC)	100MΩ Min (at 500 VDC)	100MΩ Min (at 500 VDC)
Dielectric Strength	AC 250V (50/60 Hz for 1 minute)	AC 250V (50/60 Hz for 1 minute)	AC 250V (50/60 Hz for 1 minute)	AC 250V (50/60 Hz for 1 minute)
Contact Resistance	100mΩ Max. (Initial)	500mΩ Max. (Initial)	100mΩ Max. (Initial)	20mΩ Max. (Initial)
Electrically Life	300,000 Cycles Min	100,000 Cycles Min	300,000 Cycles Min	100,000 Cycles Min
Ambient Temperature	-20°C~ +70°C	-20°C~ +70°C	-20°C~ +70°C	-20°C~ +70°C
Total Trovel	0.25 ± 0.1mm	1.0 ± 0.2mm	0.6 ± 0.2mm	1.0mm Min
Operating Force	160 ± 50gf	100 ± 40gf	250 ± 50gf	200gf Min
	100 ± 30gf			
	250 ± 50gf			

» Product selection

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SPRING MATERIAL		FUNCTION		CAP COLOR		LASER ETCHING	
617	Metal Dome	Non-LED		1	Misty Silver	01	⏻
627	Rubber Dome	Standard type		2	Bright Silver	02	◯
637	Metal Dome	M	SMT type	3	Gold	03	OK
647	Low Resistance Rubber Dome	LED		4	White	04	⇒
		L	Standard type	5	Bright Black	05	⇐
		ML	SMT type	6	Red	06	↑
BUTTON TYPE		LED COLOR		7	Misty Black	07	↓
1F		1	 Red	8	Sky blue	08	◯OK
1		2	 Yellow	9	Gunmetal black	09	●
2		3	 Green	A	Orange	10	▲
3F		4	 Blue				
11F		5	 White				
12F		6	 Pure Green				
		8	 Amber				
		9	 Blue Green				
		10	 Pink				
		011	 Purple				
		12	 Red/Yellow				
		13	 Red/Green				
		14	 Red/Blue				
		23	 Yellow/Green				
		48	 Blue/Amber				
		52	 White/Yellow				
		58	 White/Amber				
		-	Non-LED				

Please inquire
about the details
with our sales
representative.

» LED Specifications

Color	VR	IF	Recommended Operating Current	VF	
				Nor	Max
Red	DC 5V	20mA	20mA	1.7V	2.4V
Green	DC 5V	20mA	20mA	1.9V	2.4V
Yellow	DC 5V	20mA	20mA	1.9V	2.4V
Blue	DC 5V	20mA	20mA	3.0V	3.6V
White	DC 5V	20mA	20mA	3.0V	3.6V

For the specification about the other LEDs, please contact with sales department

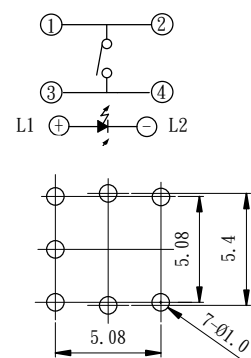
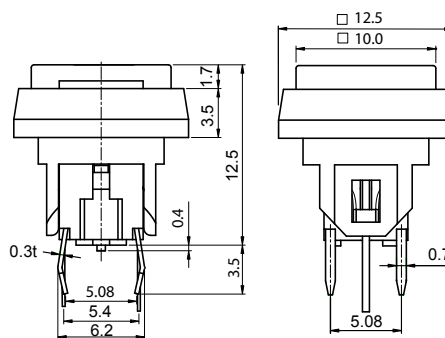
» Operating characteristics

Unit: mm

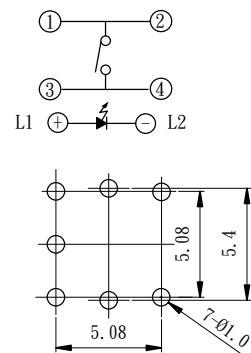
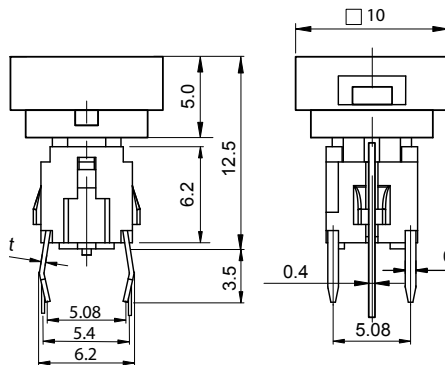
Dimensions

P.C.B Layout

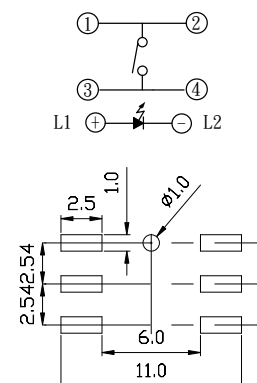
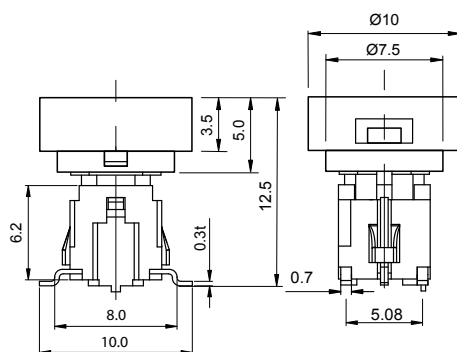
PB6171FL(Metal)
PB6271FL(Rubber)



PB6171L(Metal)
PB6271L(Rubber)



PB6172ML(Metal)
PB6272ML(Rubber)



» Operating characteristics

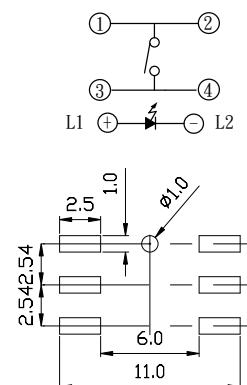
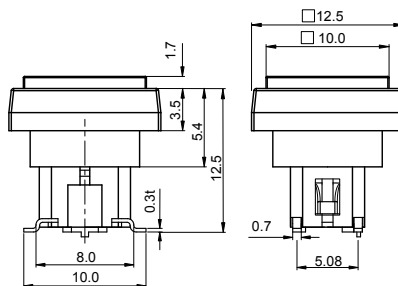
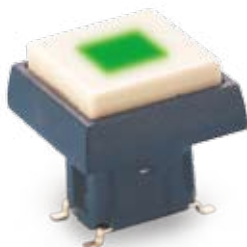
Unit: mm

Dimensions

P.C.B Layout

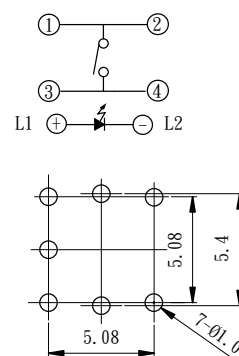
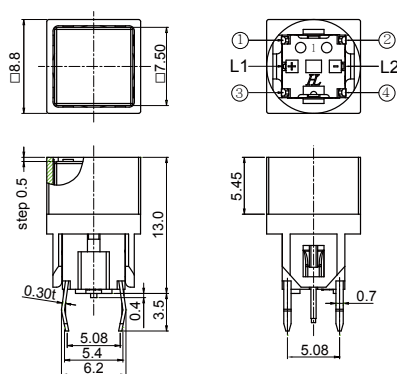
PB6173FM(Metal)

PB6273FM(Rubber)



PB61711FL(Metal)

PB62711FL (Rubber)



PB6172FL(Metal)

PB6272FL(Rubber)

