

» Features

- Precise design terminal type adequate for DIP IC pitch size (multiple of 2.54mm).
- Epoxy sealing treatment, free of flux entry.
- Several LED colors options.
- Several cap legends options.
- Customized cap and legend are available.

» Applications

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



» Specifications

Rating	0.1A 30VDC
Insulation Resistance	100MΩ Min (at 500 VDC)
Dielectric Strength	AC 500V (50/60 Hz for 1 minute)
Contact Resistance	50mΩ Max. (Initial)
Electrically Life	10,000 Cycles Min
Ambient Temperature	-10°C~ +80°C
Operating Force	150 ± 100gf (Momentary)
	250 ± 100gf (Alternate)
	200 ± 100gf (Momentary With Click)

» 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

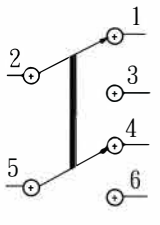
» Product selection

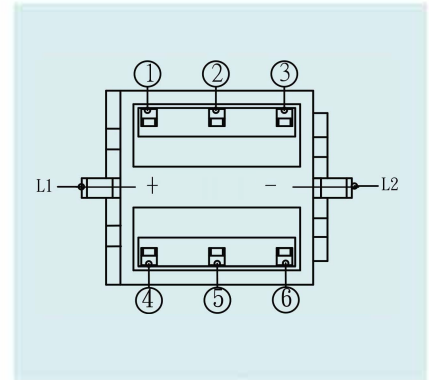
PB 613

BUTTON TYPE		FUNCTION		LED		FRAME		LED COLOR		CAP COLOR		LASER ETCHING	
1F		A	Alternate	-	Non-LED	-	Without	1		1	Misty Silver	01	
2F		B	Momentary	L	LED	F	With frame	2		2	Bright Silver	02	
3F		C	Momentary with click					3		3	Gold	03	
4F								4		4	White	04	
5F								5		5	Bright Black	05	
6F								6		6	Red	06	
01								8		7	Misty Black	07	
02								9		8	Sky blue	08	
03								10		9	Gunmetal black	09	
04								011		A	Orange	10	
05								12					
07								13					
								14					
								23					
								48					
								52					
								58					
								-	Non-LED				

Please inquire about the details with our sales representative.

CIRCUIT

Type	Switch Action		
PB613A	Normal ON	Push to lock ON	
Connecting Terminal	1 - 2 4 - 5	2 - 3 5 - 6	
PB613B	Normal ON	Push (ON)	
Connecting Terminal	1 - 2 4 - 5	2 - 3 5 - 6	
LED Circuit			



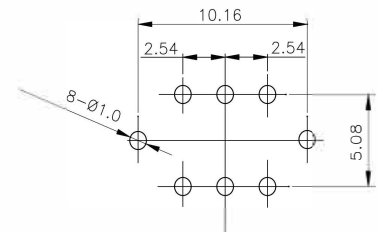
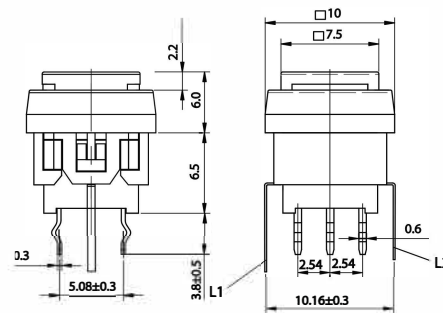
» Operating characteristics

Unit: mm

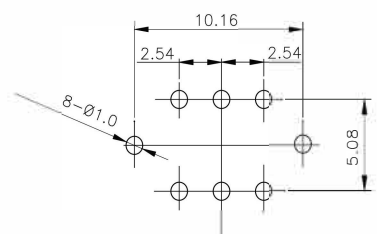
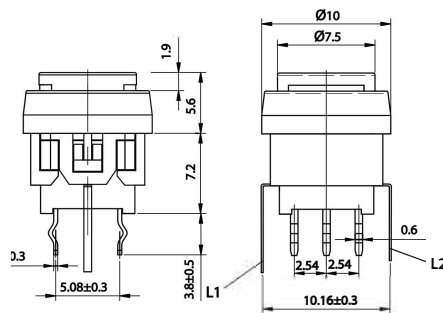
Dimensions

P.C.B Layout

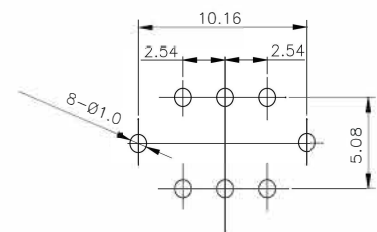
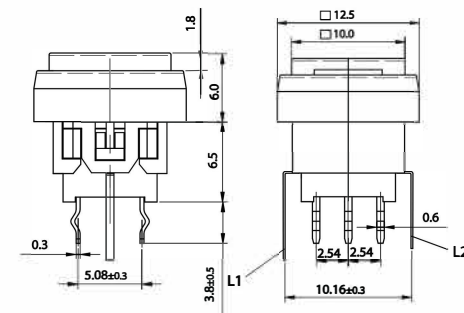
PB6131F ☐ L



PB6132F ☐ L



PB6133F ☐ L



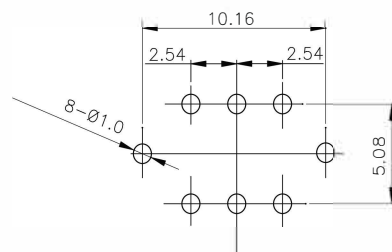
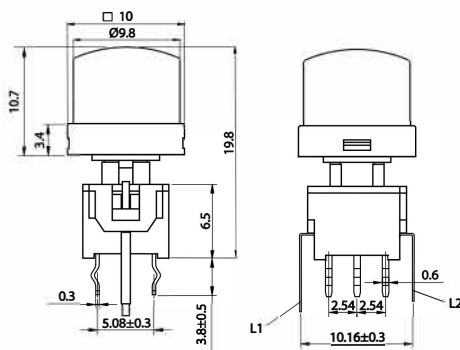
Operating Characteristics

Unit: mm

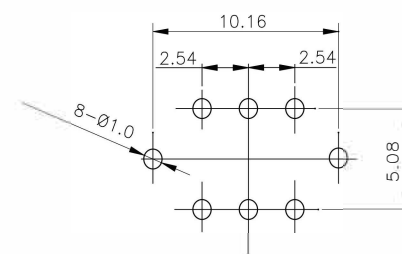
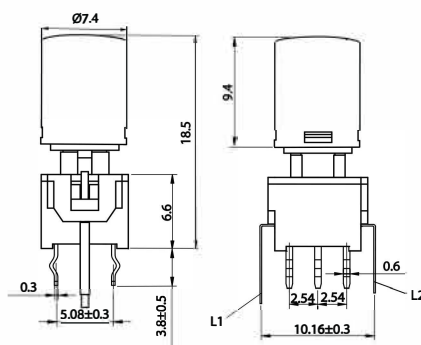
Dimensions

P.C.B Layout

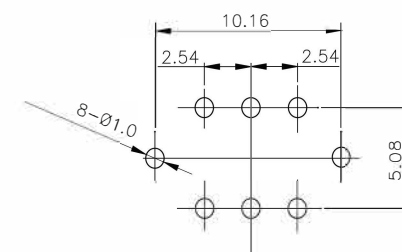
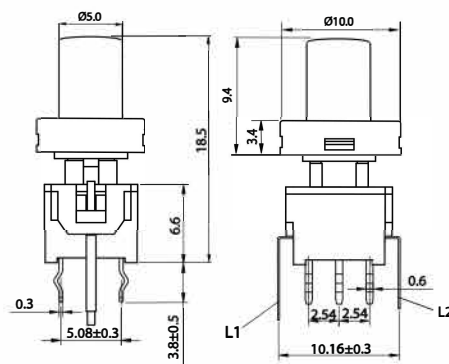
PB61302 ☐ L



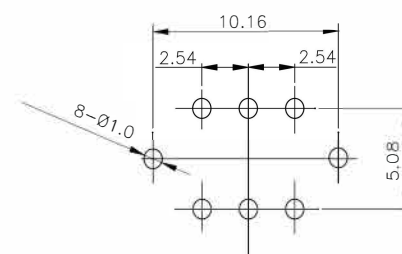
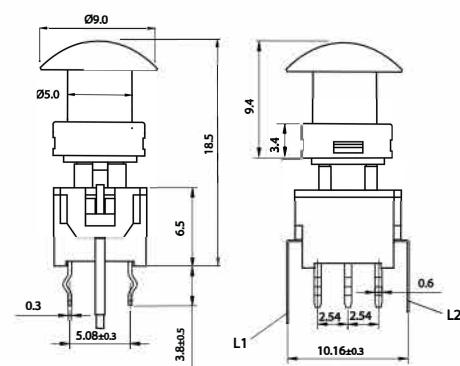
PB61303 ☐ L



PB61304 ☐ L



PB61305 ☐ L

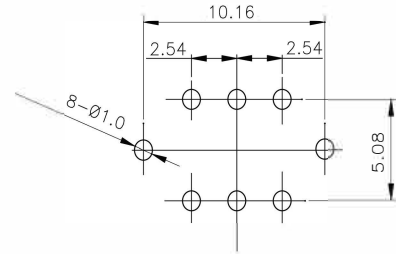
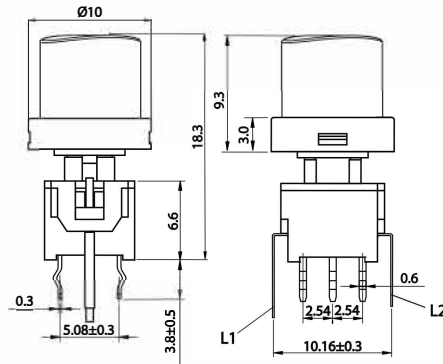


Operating Characteristics

Unit: mm

Dimensions

P.C.B Layout

PB61307 ☐ LPB6131 ☐ F2L