

» Features

- Sharp "click" feeling with positive reliability feedback.
- Precise design terminal type adequate for DIP IC pitch size (multiple of 2.54mm).
- Several LED colors options.
- Adequate for DIP & SMT.
- 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

Rating	50mA 12VDC
Insulation Resistance	100MΩ Min (at 500 VDC)
Dielectric Strength	AC 250V (50/60 Hz for 1 minute)
Contact Resistance	100mΩ Max. (Initial)
Electrically Life	300,000 Cycles Min
Ambient Temperature	-20°C~ +70°C
Operating Force	160 ± 50gf
Travel	0.25 ± 0.1 mm

» 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 614

BUTTON TYPE		FUNCTION		LED COLOR		LASER ETCHING COLOR		LASER ETCHING	
1F		-	Non-LED	1	Red	1	Misty Silver	01	
2F		M	Standard type	2	Yellow	2	Bright Silver	02	
3F		ML	SMT type	3	Green	3	Gold	03	OK
1		L	LED	4	Blue	4	White	04	
4		ML	Standard type	5	White	5	Bright Black	05	
5		-	Without	6	Pure Green	6	Red	06	
6		F	With frame	8	Amber	7	Misty Black	07	
8				9	Blue Green	8	Sky blue	08	
9				10	Pink	9	Gunmetal Black	09	
10				011	Purple	A	Orange	10	
11				12	Red/Yellow				
12				13	Red/Green				
13				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.

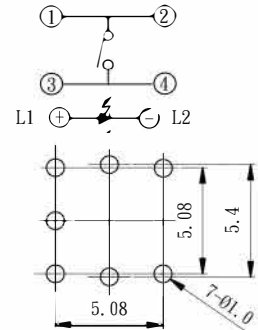
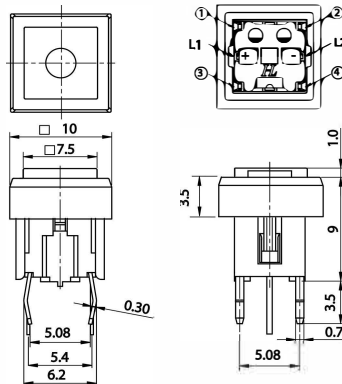
» Operating Characteristics

Unit: mm

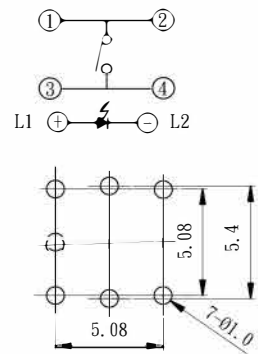
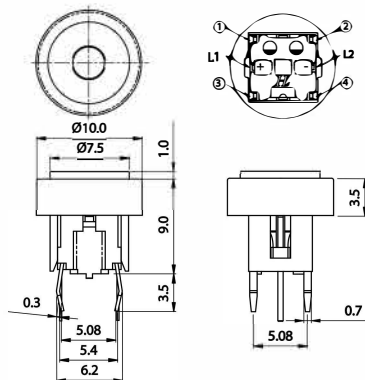
Dimensions

P.C.B Layout

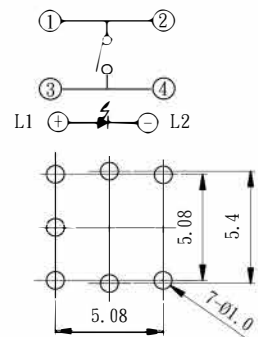
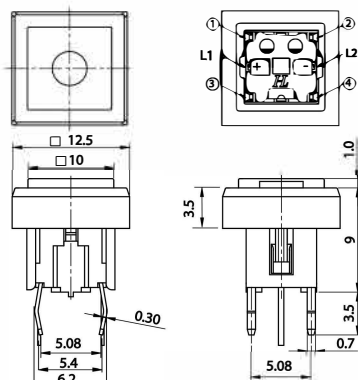
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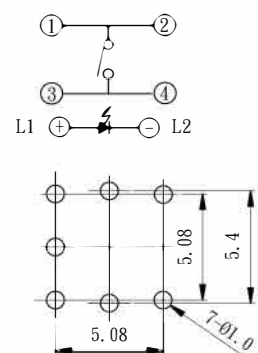
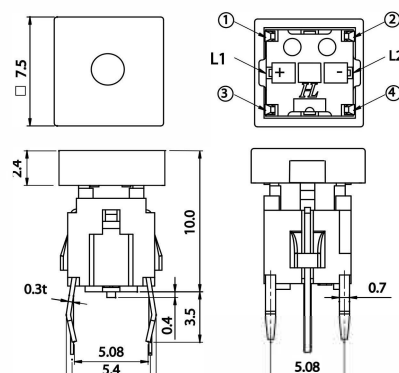
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PB6143FL

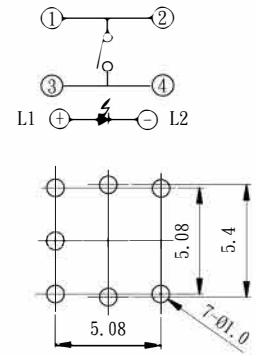
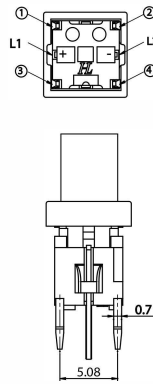
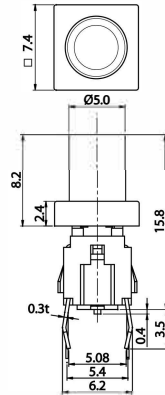


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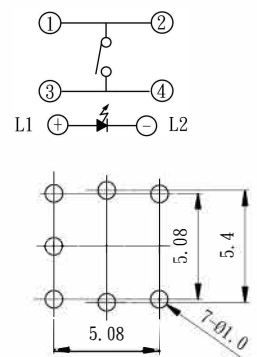
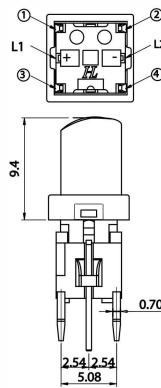
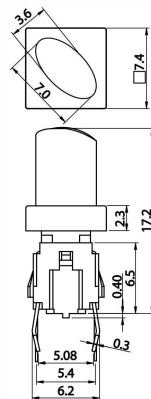


» Operating Characteristics

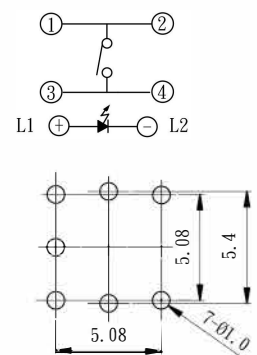
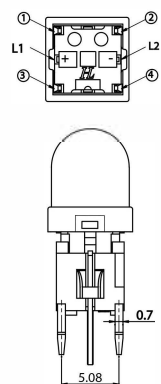
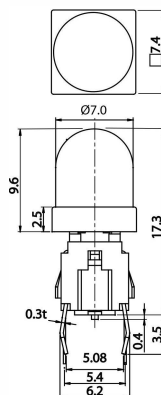
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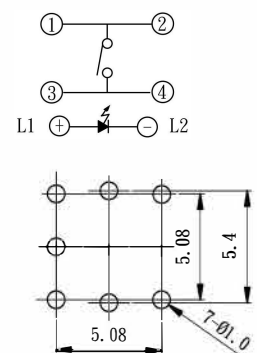
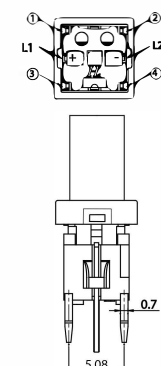
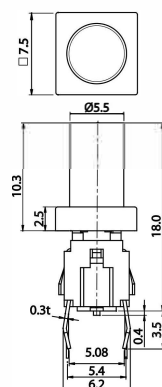
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PB6146L



PB6149L-□-102



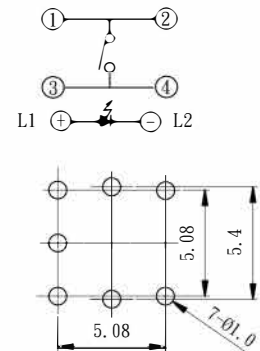
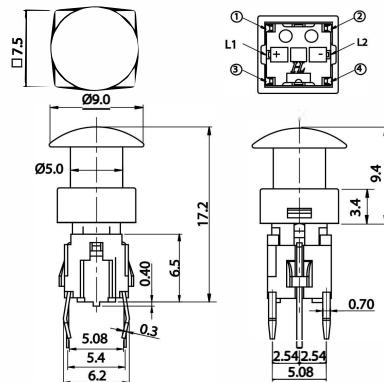
» Operating Characteristics

Unit: mm

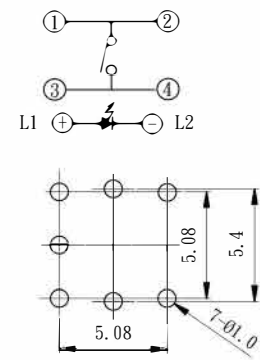
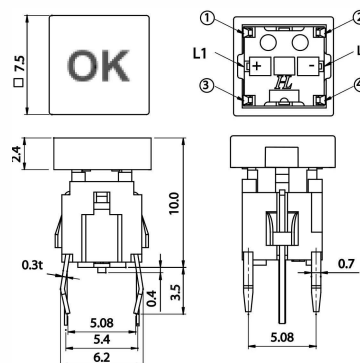
Dimensions

P.C.B Layout

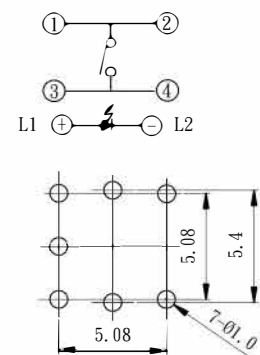
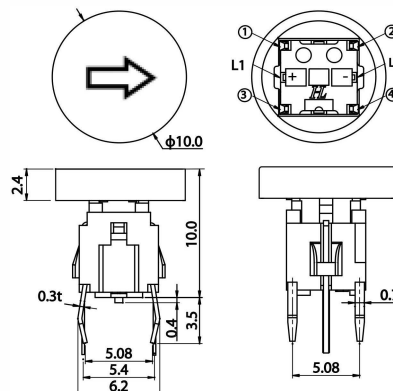
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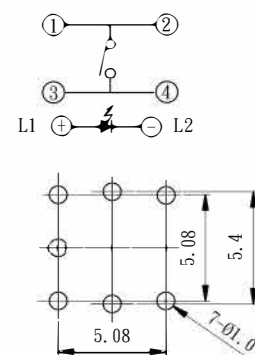
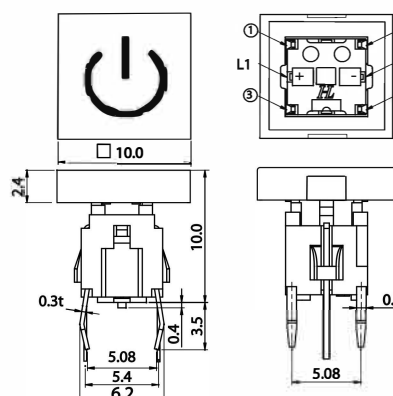
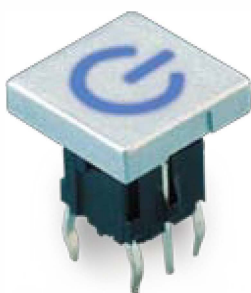
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PB61412L-□-104



PB61413L-□-101



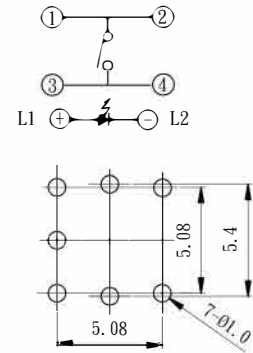
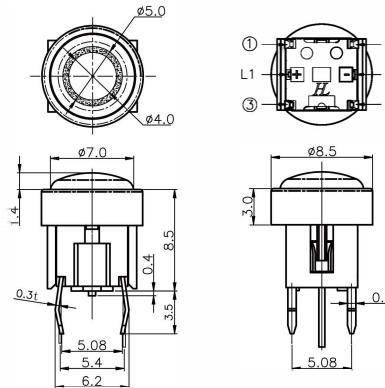
» Operating Characteristics

Unit: mm

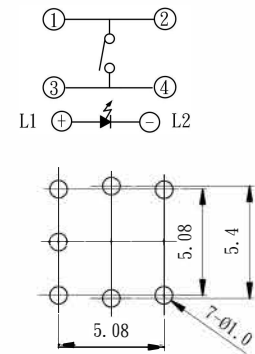
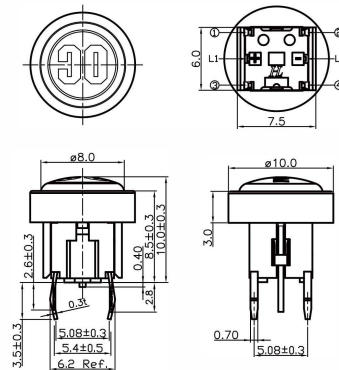
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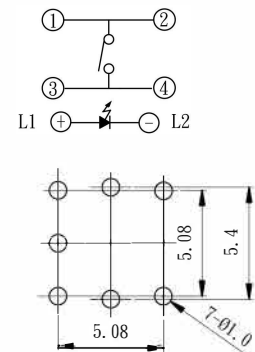
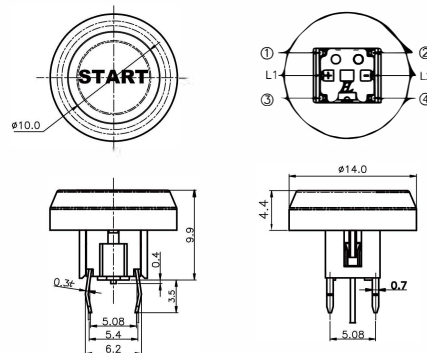
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