

Illuminated Pushbuttons

Package Quantity:1

Solder/Tab Terminal

① Shape	② Operation	③ Contact	④ LED Operating Voltage	Part No.	* Illumination Color Code
Black bezel	Momentary	Gold/SPDT	24V AC/DC	LB \odot L-M1T14*	Specify the color code in place of * in the Part No. A: amber G: green PW: pure white R: red S: blue Y: yellow
		Gold/DPDT		LB \odot L-M1T24*	
Maintained	Gold/SPDT	24V AC/DC	LB \odot L-A1T14*		
	Gold/DPDT		LB \odot L-A1T24*		
Metallic bezel	Momentary	Gold/SPDT	24V AC/DC	LB \odot L-M1T14*	
		Gold/DPDT		LB \odot L-M1T24*	
	Maintained	Gold/SPDT	24V AC/DC	LB \odot L-A1T14*	
		Gold/DPDT		LB \odot L-A1T24*	
Guard Type	Momentary	Gold/SPDT	24V AC/DC	LB \odot L-M1T14*	
		Gold/DPDT		LB \odot L-M1T24*	
	Maintained	Gold/SPDT	24V AC/DC	LB \odot L-A1T14*	
		Gold/DPDT		LB \odot L-A1T24*	

- Illuminated pushbuttons contain an LED unit. For details on LED units, see **B-130**.
- The guard opens 180 degrees spring-return.
- Illuminated pushbuttons can be used with legend markings. Engraving can be done on a marking plate which is placed in the lens, or a clear film can be printed and placed in the lens. See **B-133** for details on the marking plate and film.
- PC board terminals available for gold contacts. Silver contacts also available. To specify, see Part Number Development below.
- 5V DC and 12V AC/DC LED operating voltages also available.
- Other bezel sizes available (LBW series). For details, see **B-093**.

Part Number Development

LB \odot L-②1T③④⑤*

① Shape

Code	Shape
6	Round / Black Bezel
7	Square / Black Bezel
8	Rectangular / Black Bezel
6M	Round / Metallic Bezel
7M	Square / Metallic Bezel
8M	Rectangular / Metallic Bezel
6G	Round with Guard
7G	Square with Guard
8G	Rectangular with Guard

② Operation

Code	Operation
A	Maintained
M	Momentary

③ Contacts

Code	Contact
1	Gold/SPDT
2	Gold/DPDT
5	Silver/SPDT
6	Silver/DPDT

④ LED Operating Voltage

Code	Rated Operating Voltage
1	5V DC
3	12V AC/DC
4	24V AC/DC

⑤ Others

Code	Specification	Part No. Example
Blank	Solder/Tab Terminal	—
V	PC Board Terminal (Gold Contact Only)	LB6L-M1T14V*

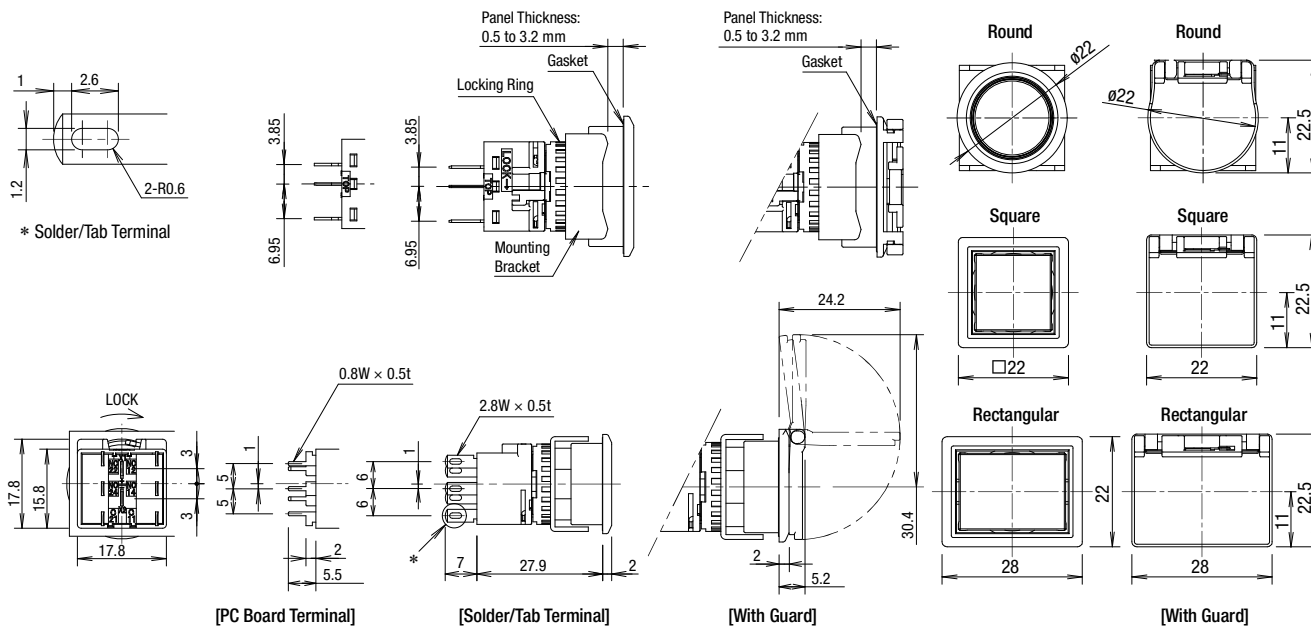
- Specify the color code in place of * in the table above.

APEM
Switches & Pilot Lights
Control Boxes
Emergency Stop Switches
Enabling Switches
Safety Products
Explosion Proof
Terminal Blocks
Relays & Sockets
Circuit Protectors
Power Supplies
LED Illumination
Controllers
Operator Interfaces
Sensors
AUTO-ID

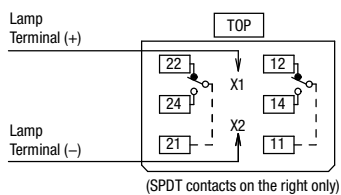
Flush Silhouette
ø16
ø22
ø30
Miniature
Pilot Lights
CW
LW-F
LB
LBW
UP
Flush Bezel

Dimensions

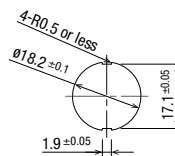
All dimensions in mm.



Terminal Arrangement (Bottom View)



Panel Cut-out for Positioning Round (LB6L/LB6ML/LB6GL)

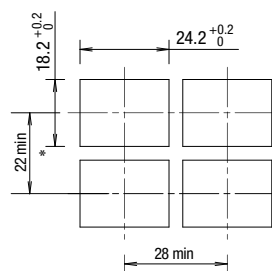
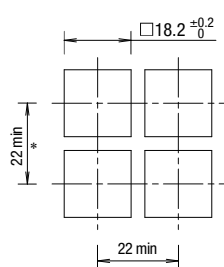
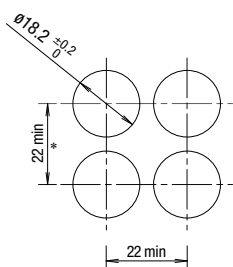


Mounting Hole Layout

Round (LB6L/LB6ML/LG6GL)

Square (LB7L/LB7ML/LB7GL)

Square (LB8L/LB8ML/LB8GL)



* 45 mm minimum for switches with guard
 Note: When using rubber boot or terminal cover, see dimensions on B-127 and B-128.

- For details on pc board and circuit design, see B-121.
- For details on single board mounting, see B-122.