

# Flush Silhouette Switches LB Series Illuminated Pushbuttons

## Illuminated Pushbuttons

### Solder/Tab Terminal

Package Quantity:1



Part No. / Shape	<b>LB①L-②1T③④⑤*</b>		        		
	① Shape	② Operation	③ Contact	④ LED Operating Voltage	
	Black bezel	Momentary	Gold/SPDT	24V AC/DC	<b>LB①L-M1T14*</b>
			Gold/DPDT		<b>LB①L-M1T24*</b>
	Metallic bezel	Maintained	Gold/SPDT	24V AC/DC	<b>LB①L-A1T14*</b>
			Gold/DPDT		<b>LB①L-A1T24*</b>
	Guard Type	Momentary	Gold/SPDT	24V AC/DC	<b>LB①L-M1T14*</b>
			Gold/DPDT		<b>LB①L-M1T24*</b>
	Guard Type	Maintained	Gold/SPDT	24V AC/DC	<b>LB①L-A1T14*</b>
			Gold/DPDT		<b>LB①L-A1T24*</b>

Specify the color code in place of \* in the Part No.

A: amber  
 G: green  
 PW: pure white  
 R: red  
 S: blue  
 W: white  
 Y: yellow

- Illuminated pushbuttons contain an LED unit. For details on LED units, see page 60.
- 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 page 63 for details on the marking plate and film.
- White lens type (when light is off) are available. Clear lens is used instead of colored lens for amber, green, red, and blue illuminated pushbuttons. Amber, green, red, or blue LED units are used. To specify, see Part Number Development below.
- 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 page 24.

## Part Number Development

**LB①L-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

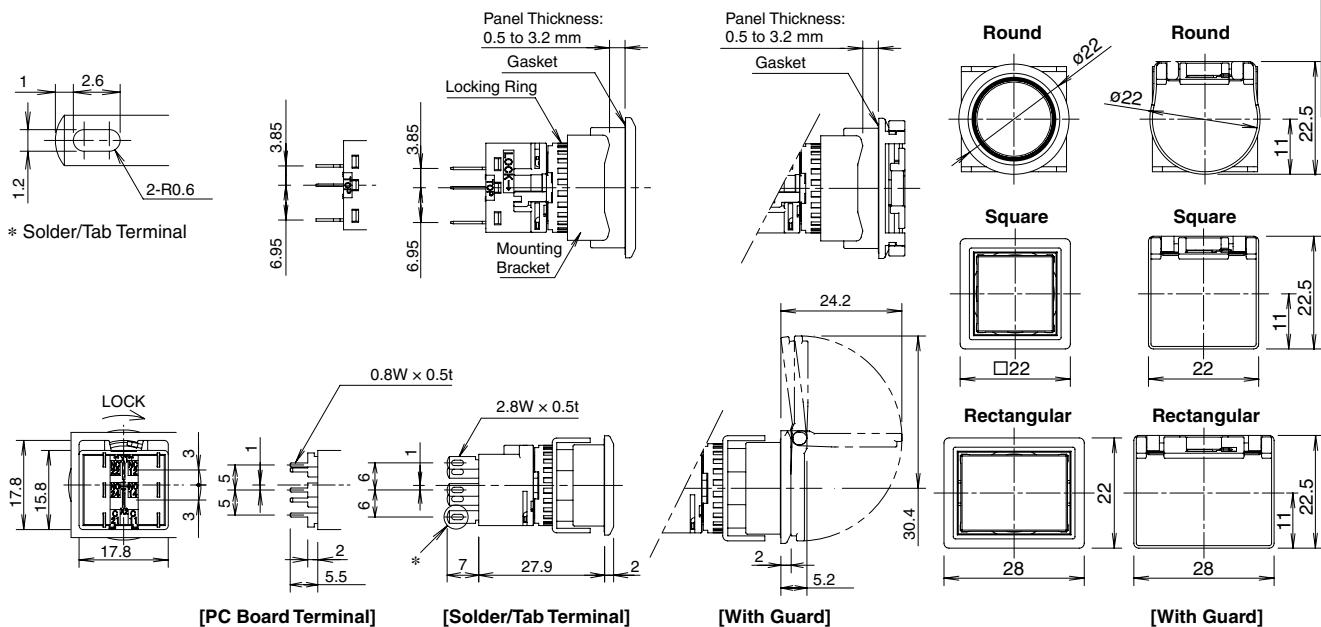
### ⑤ Others

Code	Specification	Part No. Example
Blank	Solder/Tab Terminal	—
W	White Lens Type (When Light is Off)	LB6L-M1T14W*
V	PC Board Terminal (Gold Contact Only)	LB6L-M1T14V*
VW	White Lens Type (When Light is Off) with PC Board Terminal (Gold Contact Only)	LB6L-M1T14VW*

- Specify the color code in place of \* in the table above.
- Color code for white lens type (when light is off) : A (amber), G (green), R (red), S (blue)

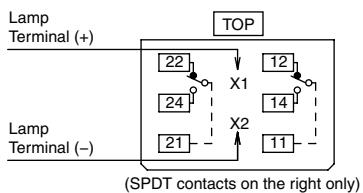
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## Dimensions



All dimensions in mm.

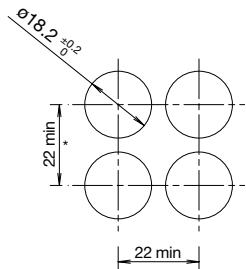
## Terminal Arrangement (Bottom View)



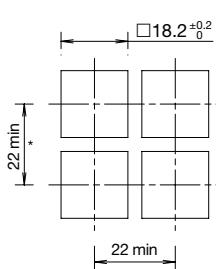
Flush Silhouette LB Series
Flush Silhouette LBW Series
ø16 LB Series
UP Series
Illuminated Pushbutton
Pilot Light
Pushbutton
Selector
Illuminated Selector
Key Selector
Lever Switch
Buzzer
Accessories
Maintenance Parts
Panel Cut-out
Instructions

## Mounting Hole Layout

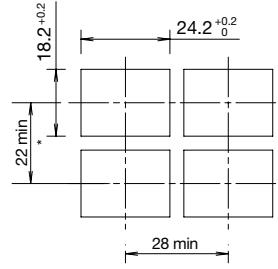
### Round (LB6/LB6M)



### Square (LB7/LB7M)



### Square (LB8/LB8M)



\* 45 mm minimum for switches with guard

Note: When using rubber boot or terminal cover, see dimensions on page 57 and 58.

- For details on pc board and circuit design, see page 50.
- For details on single board mounting, see page 51.