## Pushbuttons

Part No. LBW①B-②③T④⑤∗

**Flush**

Round / Black Bezel

Square / Black Bezel

Round / Metallic Bezel

Square / Metallic Bezel

Round with Guard

Square with Guard

**Extended**

Round only (metallic bezel available)

| ① Style | ② Operation | ③ Button Shape | Part No. | ∗ Illumination Color Code |
|---|---|---|---|---|
| Black bezel | Momentary | Flush Round | LBW6B-M1T1④⑤ | Specify the color code in place of * in the Part No.<br>B: black<br>G: green<br>R: red<br>S: blue<br>W: white<br>Y: yellow |
| | | Flush Square | LBW7B-M1T1④⑤ | |
| | | Extended Round | LBW6B-M1T2④⑤ | |
| | Maintained | Flush Round | LBW6B-A1T1④⑤ | |
| | | Flush Square | LBW7B-A1T1④⑤ | |
| | | Extended Round | LBW6B-A1T2④⑤ | |
| Metallic bezel | Momentary | Flush Round | LBW6MB-M1T1④⑤ | |
| | | Flush Square | LBW7MB-M1T1④⑤ | |
| | | Extended Round | LBW6MB-M1T2④⑤ | |
| | Maintained | Flush Round | LBW6MB-A1T1④⑤ | |
| | | Flush Square | LBW7MB-A1T1④⑤ | |
| | | Extended Round | LBW6MB-A1T2④⑤ | |
| Guard Type | Momentary | Flush Round | LBW6GB-M1T1④⑤ | |
| | | Flush Square | LBW7GB-M1T1④⑤ | |
| | Maintained | Flush Round | LBW6GB-A1T1④⑤ | |
| | | Flush Square | LBW7GB-A1T1④⑤ | |

- The guard opens 180 degrees spring-return.
- PC board terminals available for gold contacts. To specify, see Part Number Interpretation below.
- Pushbuttons can be used with legend markings engraved on marking plates and lens buttons with clear film inserted in the lens is available. To specify, see Part Number Interpretation below. See  for details on the marking plate and film.
- Extended pushbuttons available. To specify, see Part Number Interpretation below. Pushbuttons with guard is not available. Extended pushbuttons is available with momentary operation only.

### Part Number Interpretation

LBW①B-②③T④⑤∗

To be used for interpreting part numbers only, not for part number development.

**① Style**

| Code | Shape |
|---|---|
| 6 | Round / Black Bezel |
| 7 | Square / Black Bezel |
| 6M | Round / Metallic Bezel |
| 7M | Square / Metallic Bezel |
| 6G | Round with Guard |
| 7G | Square with Guard |

**② Operation**

| Code | Operation |
|---|---|
| A | Maintained |
| M | Momentary |

**③ Operator Style**

| Code | Operation |
|---|---|
| 1 | Flush |
| 2 | Extended * |

* Extended style is available only for round (black/metallic bezel) and in momentary operation. Guard model is not available.

**④ Contacts**

| Code | Contact | Code | Contact |
|---|---|---|---|
| 1 | Gold/SPDT | 5 | Silver/SPDT |
| 2 | Gold/DPDT | 6 | Silver/DPDT |
| 3 | Gold/3PDT | 7 | Silver/3PDT |

**⑤ Others**

| Code | Specification | Part No. Example |
|---|---|---|
| Blank | Solder/Tab Terminal | — |
| L (Note 1) | Lens | LBW6B-M1T1L∗ |
| V | PC Board Terminal (Gold Contact Only) | LBW6B-M1T1V∗ |
| VL (Note 1) | PC Board Terminal with Lens (Gold Contact Only) | LBW6B-M1T1VL∗ |

Note 1: Codes L and VL are available with flush operator only.

- Color code (∗) for lens:
  A (amber), B (translucent lens with black nameplate), G (green), R (red), S (blue), W (white), Y (yellow)

## Pushbuttons (Sub-assembled)

| Contact Block | | Operator | | Button | | Completed Unit |
|---|---|---|---|---|---|---|

### Contact Block

| Terminal Style | | Material | Contact | Part Number |
|---|---|---|---|---|
| | Solder/Tab | Silver | SPDT | LB-T5 |
| | | | DPDT | LB-T6 |
| | | | 3PDT | LB-T7 |
| | PCB | Gold | SPDT | LB-T1V |
| | | | DPDT | LB-T2V |
| | | | 3PDT | LB-T3V |

### Button

| Style | | Color | Part Number |
|---|---|---|---|
| | Round Flush | Black | LBW6A-B1B |
| | | Green | LBW6A-B1G |
| | | Red | LBW6A-B1R |
| | | Blue | LBW6A-B1S |
| | | White | LBW6A-B1W |
| | | Yellow | LBW6A-B1Y |
| | Round (Extended) | Black | LBW6A-B2B |
| | | Green | LBW6A-B2G |
| | | Red | LBW6A-B2R |
| | | Blue | LBW6A-B2S |
| | | White | LBW6A-B2W |
| | | Yellow | LBW6A-B2Y |
| | Square Flush | Black | LBW7A-B1B |
| | | Green | LBW7A-B1G |
| | | Red | LBW7A-B1R |
| | | Blue | LBW7A-B1S |
| | | White | LBW7A-B1W |
| | | Yellow | LBW7A-B1Y |

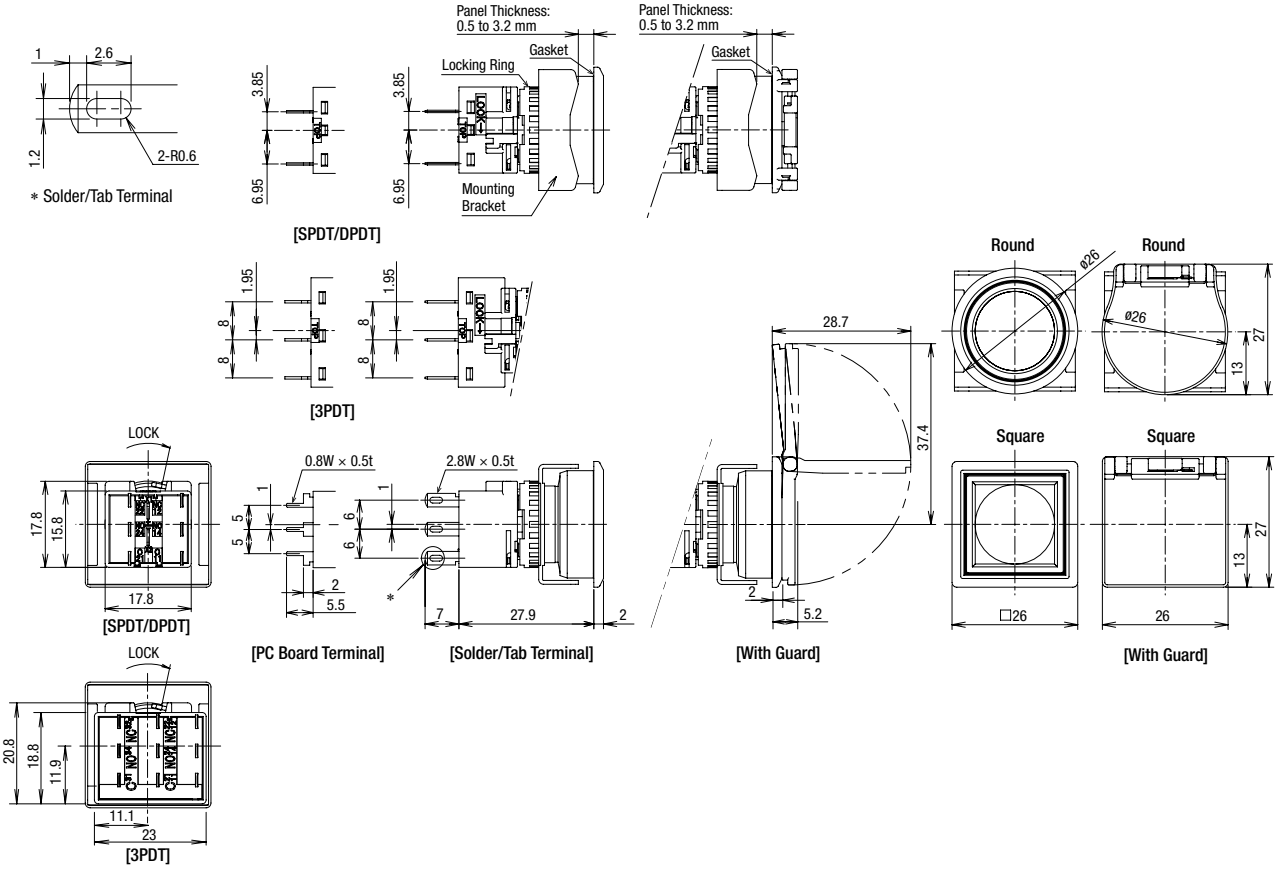
### Operator

| Style | Bezel Style | Shape | Momentary | Maintained |
|---|---|---|---|---|
| | Black plastic bezel | Round | LBW6L-M0 | LBW6L-A0 |
| | | Square | LBW7L-M0 | LBW7L-A0 |
| | Metallic bezel | Round | LBW6ML-M0 | LBW6ML-A0 |
| | | Square | LBW7ML-M0 | LBW7ML-A0 |
| | Plastic bezel with built-in switch guard | Round | LBW6GL-M0 | LBW6GL-A0 |
| | | Square | LBW7GL-M0 | LBW7GL-A0 |
| | Flush Mount (Plastic) | Round (for extended lens) | LBW6L-M20 | LBW6L-A20 |
| | Flush Mount (Metallic) | | LBW6ML-M20 | LBW6ML-A20 |

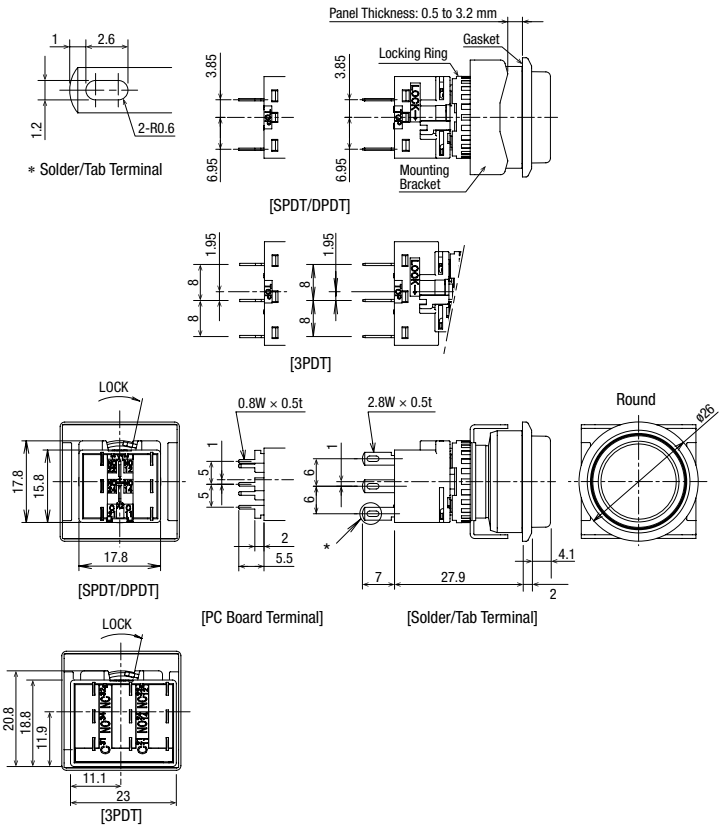
# Dimensions

All dimensions in mm.

## Flush Pushbutton

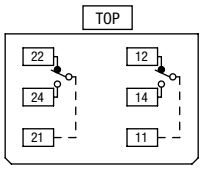



## Extended Pushbutton



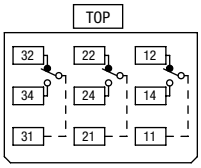

## Terminal Arrangement (Bottom View)

### SPDT/DPDT Contacts




(SPDT contacts on the right only)

### 3PDT Contacts




- For details on mounting hole layout, see **593**.
- For details on pc board and circuit design, see **594**.
- For details on single board mounting, see **593**.