

# ILLUMINATED

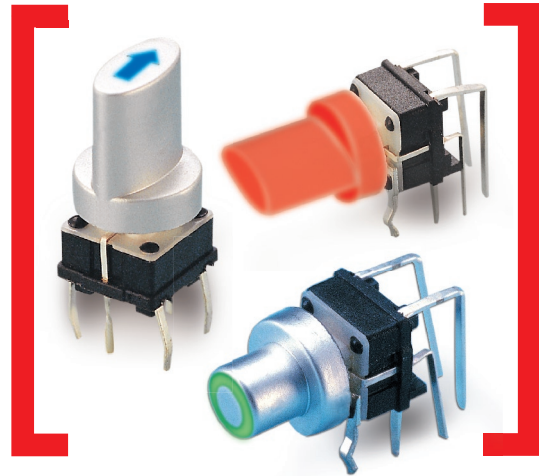
## TACT SWITCHES

### » Features

- Snap-in type, can be mounted directly on P.C.B Board.
- Parts of output terminals can be used as jumper lead, facilitating circuit design.
- Many LED lights are available.

### » Applications

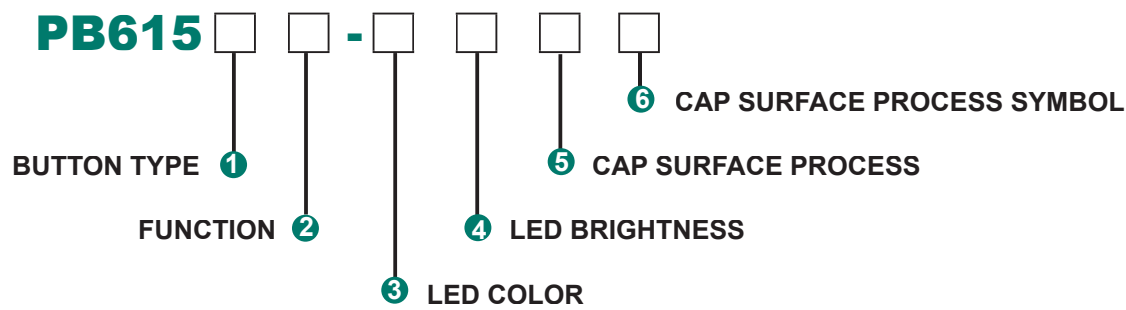
- Operating switches in all types of electronic equipment such as audio apparatus, office equipment , communications apparatus, TV sets, VCRs, etc.



### » Specifications

|                       |                                 |
|-----------------------|---------------------------------|
| Rating                | 50mA 12VDC                      |
| Insulation Resistance | 100MΩ Min (at 250 VDC)          |
| Dielectric Resistance | AC 250V (50/60 Hz for 1 minute) |
| Contact Resistance    | 100mΩ Max. (Initial)            |
| Electrically Life     | 300,000 Cycles Min              |
| Ambient Temperature   | -25°C~ +70°C                    |
| Operating Force       | 160 ± 50gf                      |

### » Product selection



#### ① BUTTON TYPE



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## TACT SWITCHES

### 2 FUNCTION

| Non-illuminated |                    | Illuminated |                    |
|-----------------|--------------------|-------------|--------------------|
| —               | Standard Type (2P) | L           | Standard Type (2P) |
| H               | Standard Type (4P) | HL          | Standard Type (4P) |
| M               | SMT Type (2P)      | ML          | SMT Type (2P)      |
| HM              | SMT Type (4P)      | HML         | SMT Type (4P)      |
| R               | Right Angle        | RL          | Right Angle        |
| RS              | Right Angle (+Fix) | RSL         | Right Angle (+Fix) |

### 3 LED COLOR

|     |                         |
|-----|-------------------------|
| 1   | Red                     |
| 2   | Yellow                  |
| 3   | Green                   |
| 4   | Blue                    |
| 5   | White                   |
| 6   | Pure Green              |
| 12  | Red / Yellow            |
| 13  | Red / Green             |
| 23  | Yellow/ Green           |
| 164 | Red / Pure Green / Blue |

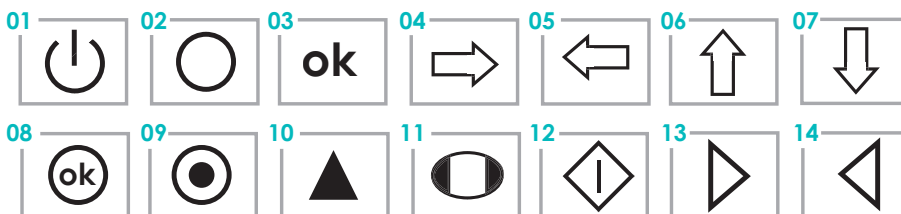
### 4 LED BRIGHTNESS

|   |               |
|---|---------------|
| — | Standard      |
| C | Customization |

### 5 CAP SURFACE PROCESS

|   |               |
|---|---------------|
| 1 | Misty Silver  |
| 2 | Bright Silver |
| 3 | Gold          |

### 6 CAP SURFACE PROCESS SYMBOL



## » LED Specifications

| Color  | VR    | IF   | Recommended Operating Current | VF   |      |
|--------|-------|------|-------------------------------|------|------|
|        |       |      |                               | Nom  | 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 |

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TACT SWITCHES

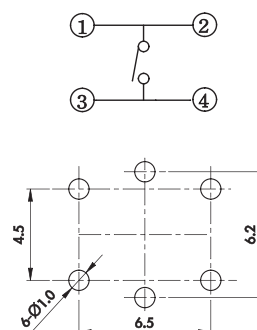
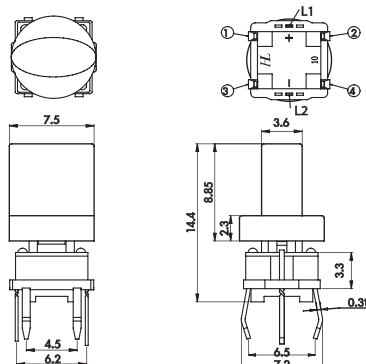
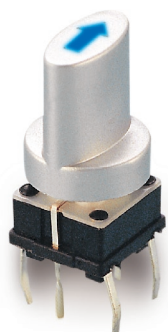
## » Operating characteristics

Unit: mm

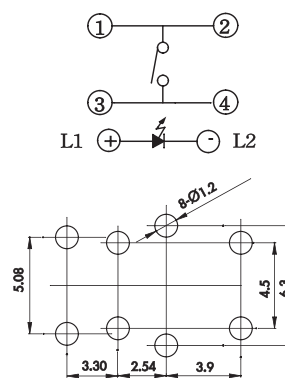
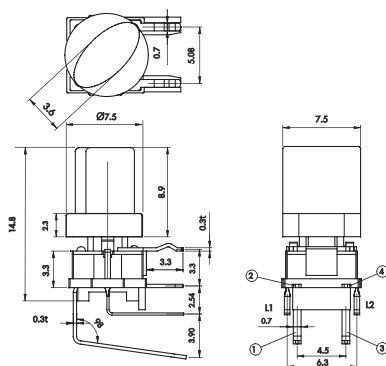
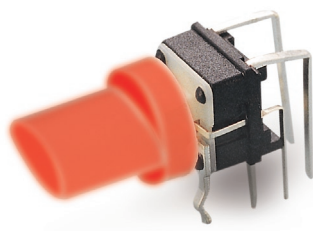
Dimensions

Circuit P.C.B Layout

### PB6151L-□-104



### PB6152RSL



### PB6156RSL-□-102

