



## SPECIFICATIONS

**RATING** : lth 5A/250VAC resistive load 3A/250VAC

**CONTACT RESISTANCE** : 50 mΩ max. @ 1A 12VDC (initial value)

**INSULATION RESISTANCE** : 1,000 MΩ min. at 500VDC

**DIELECTRIC STRENGTH** : 2,000V RMS @ sea level

**OPERATION TEMPERATURE** : -20°C to 55°C

**MECHANICAL LIFE** : Momentary 1,000,000 cycles

Self-lock 500,000 cycles

**ELECTRICAL LIFE** : 50,000 make-and-break cycles at full load

**TORQUE** : 5~14Nm

**PANEL THICKNESS** : 10mm (Ø22.20mm)

**OPERATION PRESSURE** : 1Pole 1.5~2.5N / 2Poles 2.2~3.5N

**TRAVEL** : About 3.2mm

**INGRESS PROTECTION** : IP67, IK10(Stainless)

## MATERIALS

**BUSHING** : Stainless Steel / Aluminum alloy

**BASE** : PBT(UL 94-V0) , PC(UL 94-V2)

**ACTUATOR** : PC; Stainless Steel / Aluminum alloy

**INNER ASSEMBLY** : POM / PA66.

**SPRING** : Spring steel.

**SEALING** : Silicone.

**O-Ring** : Silicone.

**TERMINAL / CONTACT** : Copper ,Silver plated.

**HEX NUT** : Nickel plated brass



## HOW TO ORDER

MODEL NO. BODY TYPE BODY COLOR BUTTON TYPE CONTACT CONFIGURATION OPERATING TYPE LIGHT TYPE LED COLOR LED VOLTAGE TERMINAL SHAPE TERMINAL PLATING

**MPB22**



Button type  
**F** Flat

Body type		Body color	
<b>A</b>	Stainless	<b>0</b>	Natural
<b>B</b>	Al alloy	<b>1</b>	Black Anodized

Contact Configuration

- 1** 1NO 1NC
- 2** 2NO 2NC

Operating type

- 0** Momentary
- 1** Lock

Light type

- E** Ring (Moveable)

Terminal shape  
**J** Solder Terminal

LED voltage

ITEM NO	VOLTAGE
<b>0</b>	Without LED
<b>3</b>	3V
<b>6</b>	6V
<b>12</b>	12V
<b>24</b>	24V
<b>110</b>	110V
<b>220</b>	220V

LED color

ITEM NO	COLOR
<b>0</b>	Without LED
<b>1</b>	White
<b>3</b>	Red
<b>5</b>	Yellow
<b>6</b>	Green
<b>7</b>	Blue

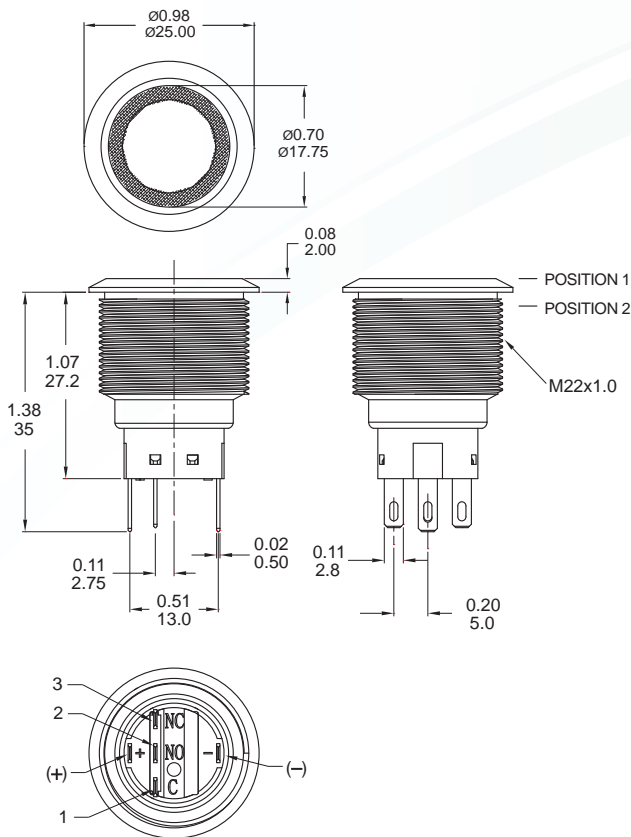
Terminal plating

- Q** Silver
- R** Gold

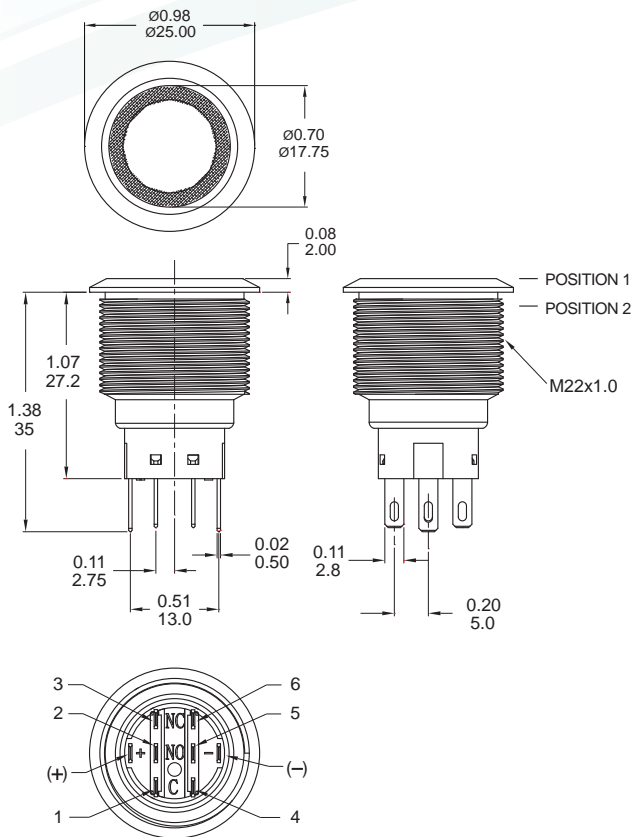


## DIMENSION

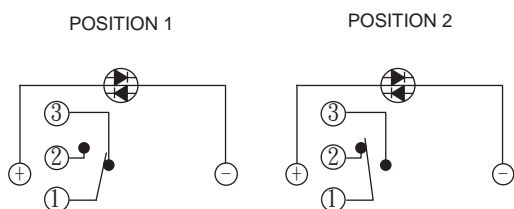
### With LED (1 Pole)



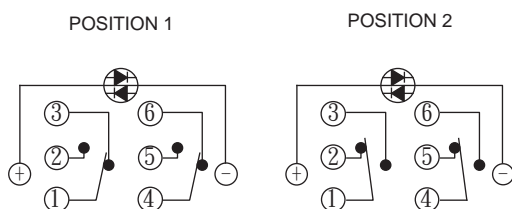
### With LED (1 Pole)



## CIRCUIT



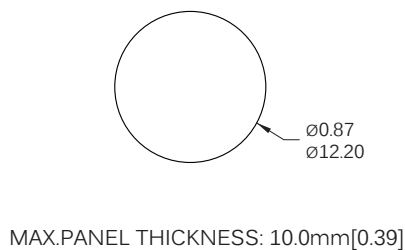
With LED (1 Poles)



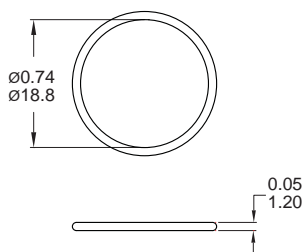
With LED (2 Poles)

## PANEL CUTOUT / HARDWARE

### PANEL CUTOUT



### O-RING



### M22 NUT

