



SPECIFICATIONS

**RATING** : lth 5A/250VAC. resistive load 3A/250VAC.  
**CONTACT RESISTANCE** : 50mΩ MAX.@1A 12VDC(initial value).  
**INSULATION RESISTANCE** : 1,000MΩ MIN at 500VDC.  
**DIELECTRIC STRENGTH** : 2,000V RMS@sea level.  
**OPERATION TEMPERATURE** : -20°C to 55°C.  
**MECHANICAL LIFE** : Momentary 1,000,000 cycles  
Lock 500,000 cycles  
**ELECTRICAL LIFE** : 50,000 make-and-break cycles at full load.  
**TORQUE** : 0.3~0.5Nm.  
**PANEL THICKNESS** : 6mm (Ø22.00mm)  
**OPERATION PRESSURE** : 1Pole 2.5±1N / 2Poles 3.5±1N  
**TRAVEL** : ABOUT 3.2mm.  
**INGRESS PROTECTION** : IP65

MATERIALS

**BEZEL** : PC  
**BASE** : PBT(UL 94-V0) & PC(UL 94-V2)  
**ACTUATOR** : PC & POM.  
**INNER ASSEMBLY** : POM. / PA66.  
**SPRING** : Stainless steel.  
**SEALING** : Silicone.  
**O-Ring** : Silicone.  
**TERMINAL / CONTACT** : Brass,Silver plated.  
**HEX NUT** : PC.

HOW TO ORDER



MODEL NO.

BEZEL  
COLOR

ACTUATOR  
TYPE

BUTTON  
TYPE

CONTACT  
CONFIGURATION

OPERATING  
TYPE

LED  
COLOR

LED  
VOLTAGE

TERMINAL  
SHAPE

TERMINAL  
PLATING

KPB22

Bezel Color

8 Silver

Actuator Type

000 Transparent Actuator,below all LED color available

100 White Actuator,below all LED color available

200 Black Actuator,Non-LED

300 Transparent Red Actuator,LED in Red only.

400 Transparent Orange Actuator,LED in Yellow only.

600 Transparent Green Actuator,LED in Green only.

700 Transparent Blue Actuator,LED in Blue only.

800 Silver Actuator,Non-LED

8P1 Silver Actuator+White power,below all LED color available

8P2 Silver Actuator+Black power,Non-LED

8P3 Silver Actuator+Red power,LED in red only

8P6 Silver Actuator+Green power,LED in Green only

8P7 Silver Actuator+Blue power,LED in Blue only

Button type

F Flat

Contact Configuration

1 1NO 1NC

2 2NO 2NC

Operating type

0 Momentary

1 Lock

LED color

ITEM NO

COLOR

0 Without LED

1 White

3 Red

5 Yellow

6 Green

7 Blue

LED voltage (20mA)

ITEM NO

VOLTAGE

0 Without LED or resistor

3 3V

6 6V

12 12V

24 24V

36 36V

110 110V

220 220V

Terminal plating

Q Silver

R Gold

Terminal shape

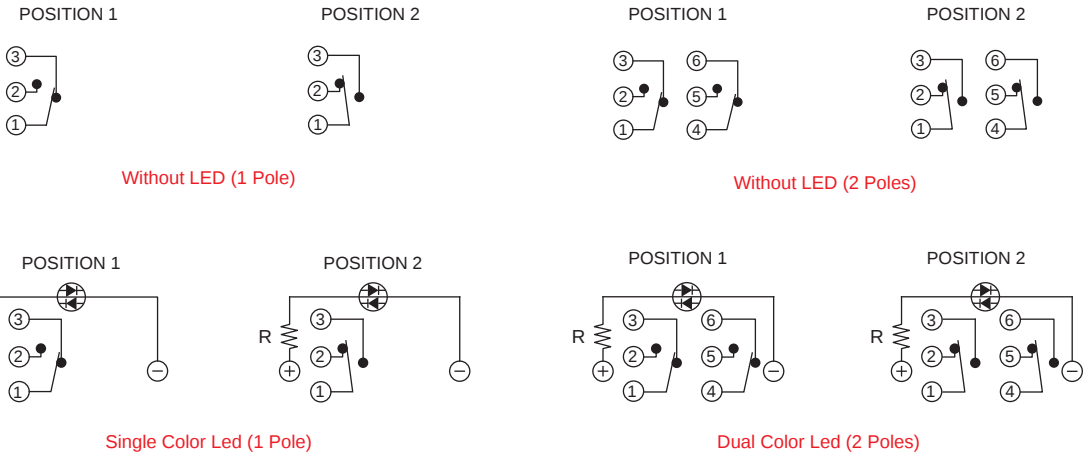
J Solder terminal

EXAMPLE:  
KPB22-88P1-F10--JQ  
LED color LED voltage

# KPB22 Series

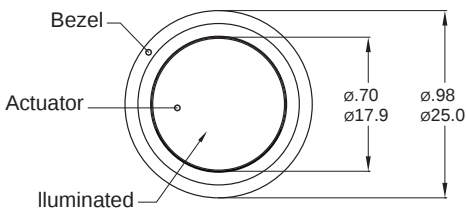
22mm Illuminated Pushbutton Switches

## CIRCUIT

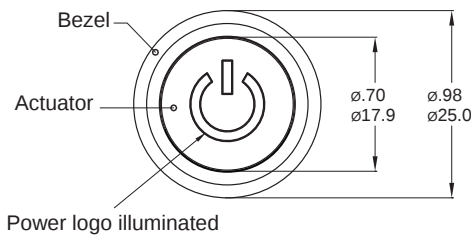


## ACTUATOR TYPE

X00 Transparent Actuator

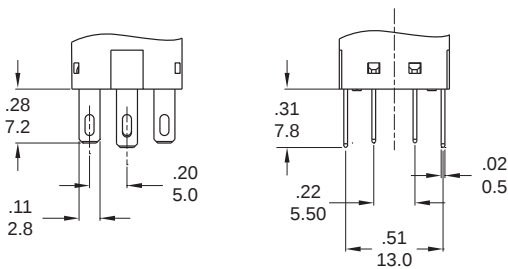


8PX Power



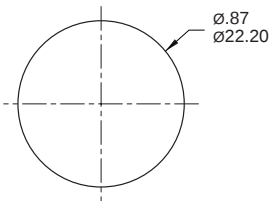
## TERMINAL TYPE

J Solder terminal (std)



### PANEL MOUNTING

Max.Panel thickness: 6.0mm[.24]



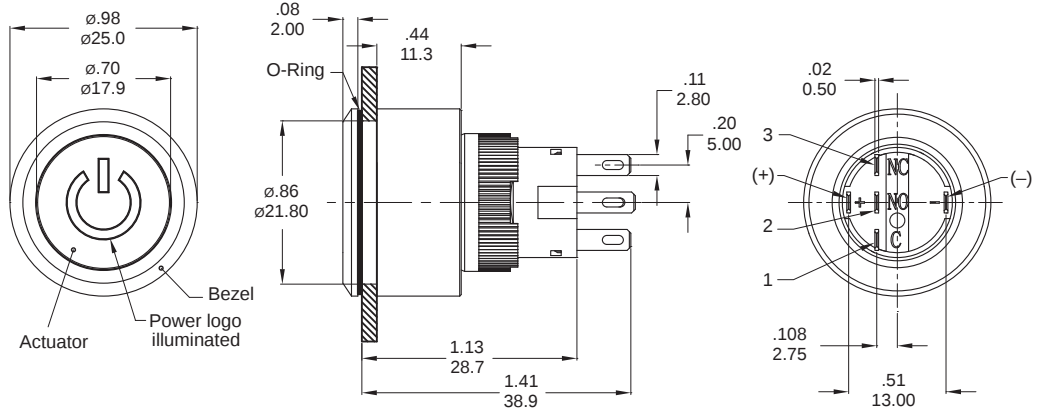
### O-RING INSTALLATION

| Proposal             | In front of the panel |
|----------------------|-----------------------|
| Installation Diagram |                       |

# KPB22 Series

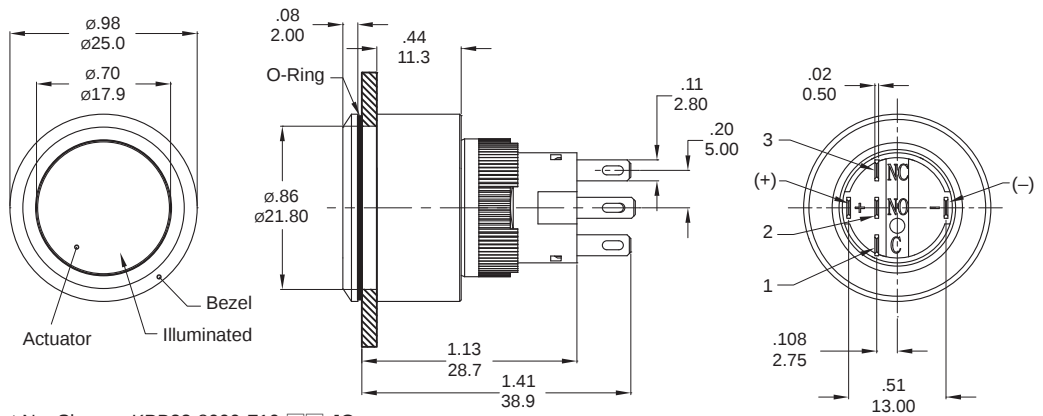
## 22mm Illuminated Pushbutton Switches

8P1



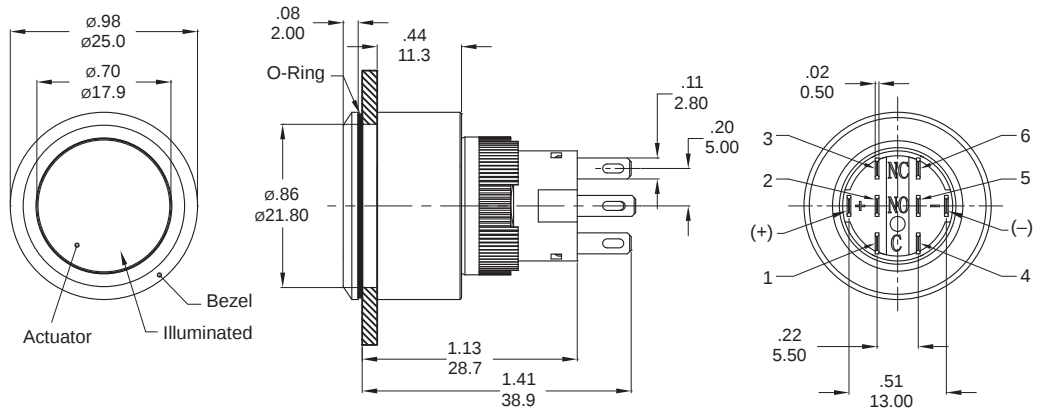
Part No. Shown : KPB22-88P1-F10-□□-JQ

000



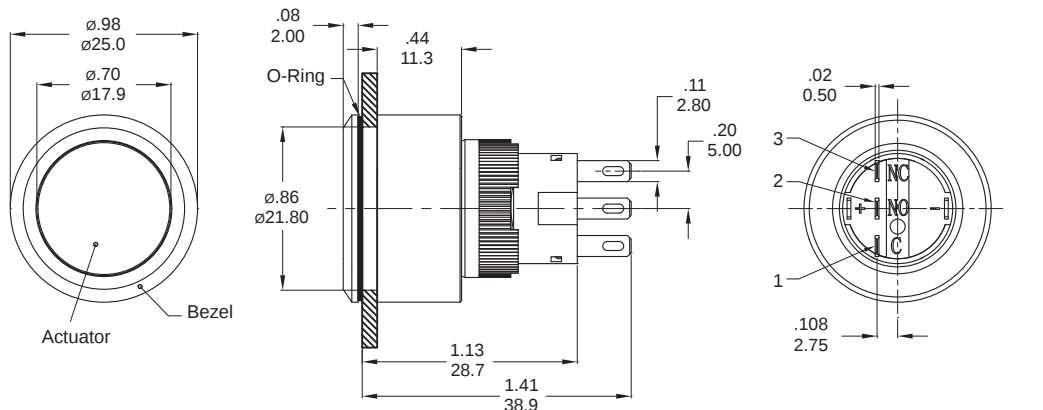
Part No. Shown : KPB22-8000-F10-□□-JQ

400



Part No. Shown : KPB22-8400-F20-5□-JQ

800 Non-LED



Part No. Shown : KPB22-8800-F10-JQ



KPB22  
Pushbutton Switches

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dailywell:

[KPB22-8800-F10-00-JQ](#)