



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

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

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

EXAMPLE:
KPB22-88P1-F10-[]-JQ
LED color — LED voltage

KPB22 Series

22mm Illuminated Pushbutton Switches

CIRCUIT

POSITION 1

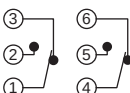


Without LED (1 Pole)

POSITION 2

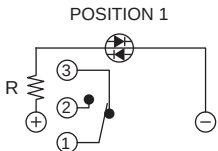
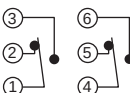


POSITION 1

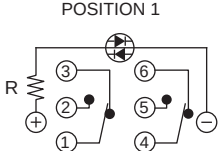
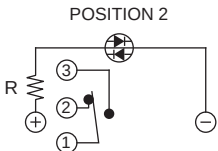


Without LED (2 Poles)

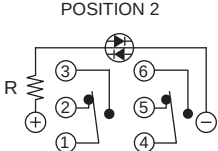
POSITION 2



Single Color Led (1 Pole)

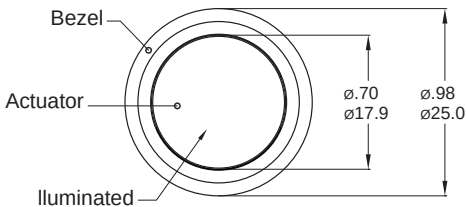


Dual Color Led (2 Poles)

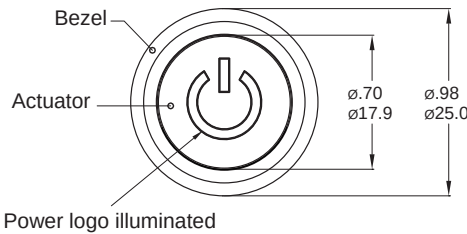


ACTUATOR TYPE

X00 Transparent Actuator

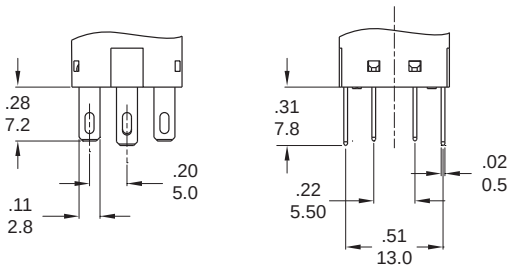


8PX Power



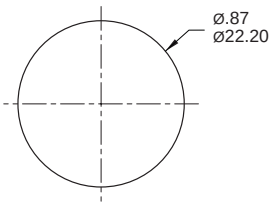
TERMINAL TYPE

J Solder terminal (std)



PANEL MOUNTING

Max.Panel thickness: 6.0mm[.24]



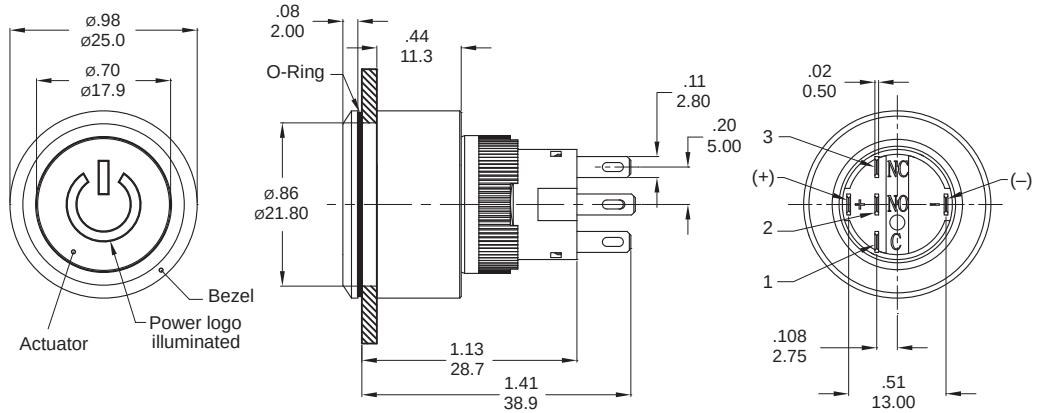
O-RING INSTALLATION

Proposal	In front of the panel
Installation Diagram	

KPB22 Series

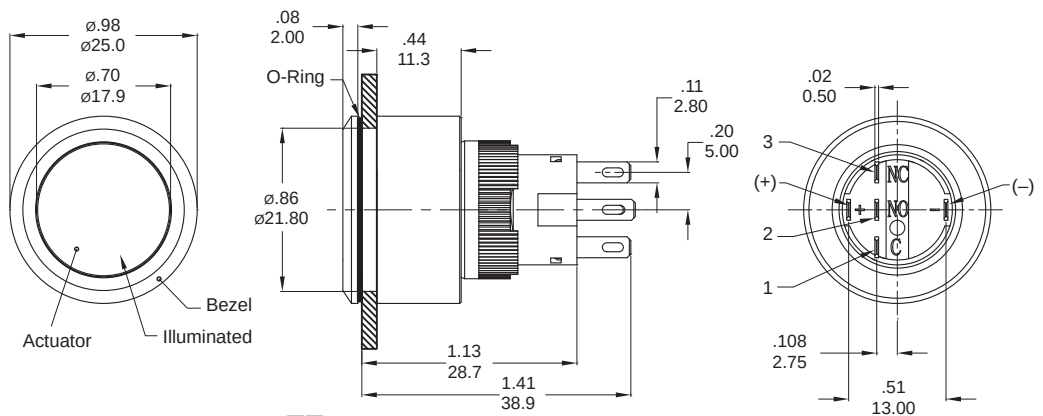
22mm Illuminated Pushbutton Switches

8P1



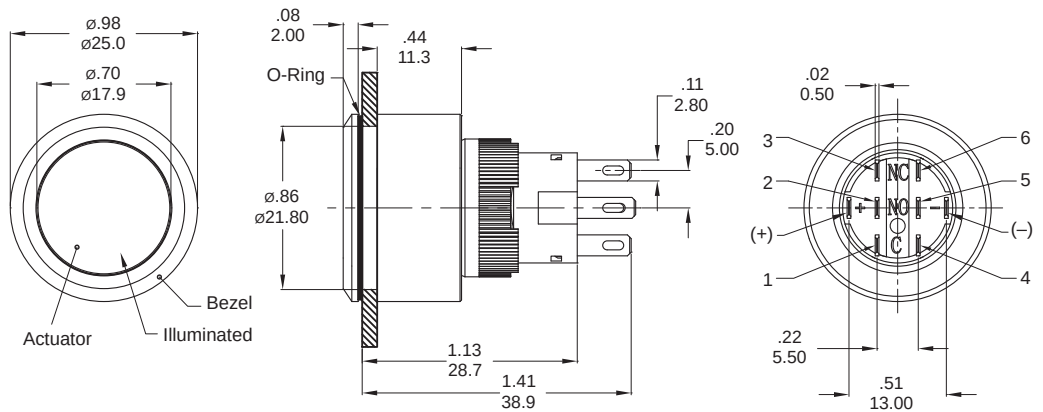
Part No. Shown : KPB22-88P1-F10-□□-JQ

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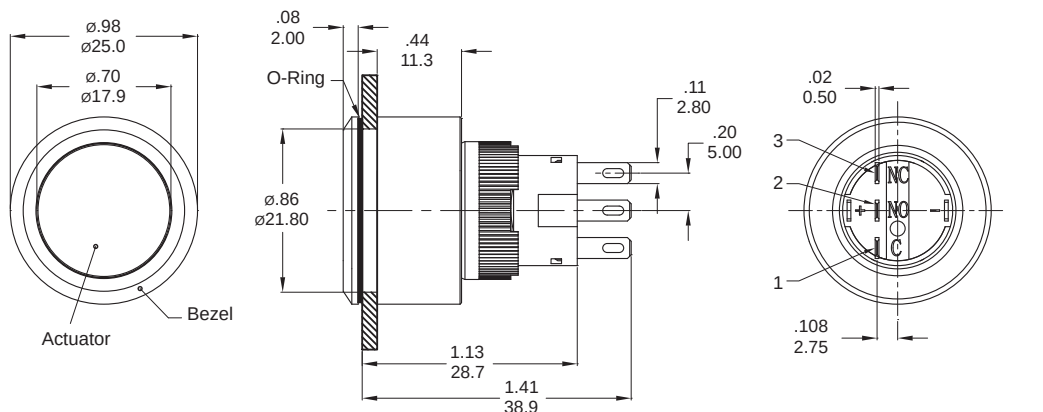
Part No. Shown : KPB22-8000-F10-□□-JQ

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:

[KPB22-8000-F20-5220-JQ](#)