SPECIFICATIONS

RATING : 2A/36VDC
ELECTRICAL LIFE: 200,000 make-and-break cycles at full load.
MECHANICAL LIFE: 1,000,000 cycles.
DIELECTRIC STRENGTH: 2,000V RMS@sea level
CONTACT RESISTANCE: 50mΩ MAX.@1A 12VDC(initial value)
OPERATING TEMPERATURE: -20°C to 70°C
TRAVEL: ABOUT 1.8mm
OPERATION PRESSURE: 4.5±1.5N
INGRESS PROTECTION: IP67(In house test), IK10(Stainless)
TORQUE: 1~3Nm

MATERIALS

BUSHING : Stainless Steel
BASE : PA66, White UL-94V0
ACTUATOR : PC, Translucent UL-94V2, Stainless Steel
INNER ASSEMBLY : PC, Transparent UL-94V2
SPRING : Spring steel
SEALING : Silicone, Translucent
O-Ring : Silicone
TERMINAL : Brass, Gold flash plated
CONTACT : Brass, Sliver alloy
HEX NUT : Brass, Nickel plate

HOW TO ORDER

MODEL NO. — PS22

BODY MATERIAL
- A0 Stainless (Natural)

BODY TYPE
- 1 Double flat
- 2 Non-flat
- 3 D Shape

BUTTON TYPE
- F Flat

LIGHT TYPE
- N Without LED
- E Ring
- P Power+Ring

LED COLOR

ITEM NO	COLOR
Single Color LED	
0	Without LED
1	White
3	Red
5	Yellow
6	Green
7	Blue
Dual Color LED	
A	Red+Green
B	Red+Blue

※ Current limiting resistor is required to limit LED forward current to 20mA.

TERMINAL TYPE
- J Solder terminal

TERMINAL PLATING
- R Gold flash

LED VOLTAGE

Resistance (About LED Voltage)	
0V	Without Resistance
3V	LED input 3 VDC,47Ω Note: Red/Yellow LED type only
6V	LED input 6 VDC,180Ω
12V	LED input 12 VDC,470Ω
24V	LED input 24 VDC,1000Ω

※ ohms value of resistance tolerance: ±5%

WIRE
- L0001 500mm wire leads 20 AWG (STD)
※ Optional.

* Except standard color, for other colors information please consult sales representatity.

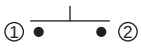
EXAMPLE:

PS22-A01FE-□-JR-□V
- LED voltage
- LED color

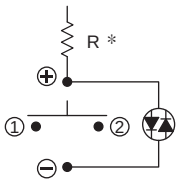
PS22-A01FE-□-JR-□V-L0001(Wire)
- LED voltage
- LED color

Dimensions shown in inch(mm). Specifications and availability subject to change without notice.

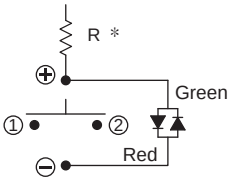
▼ CIRCUIT



Without LED



Single Color LED

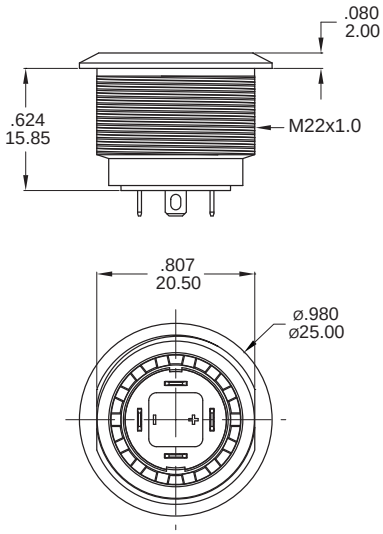


Dual Color LED

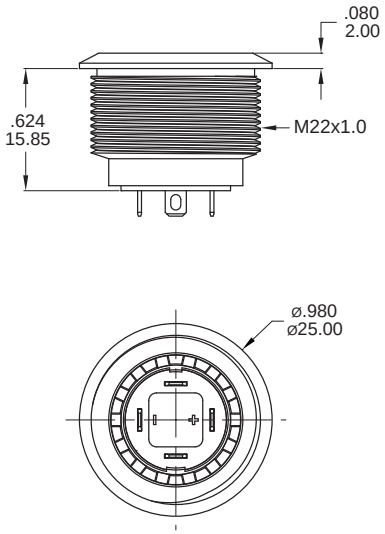
* Note: Adjust the resistance according to the input voltage.

▼ BODY OPTIONS

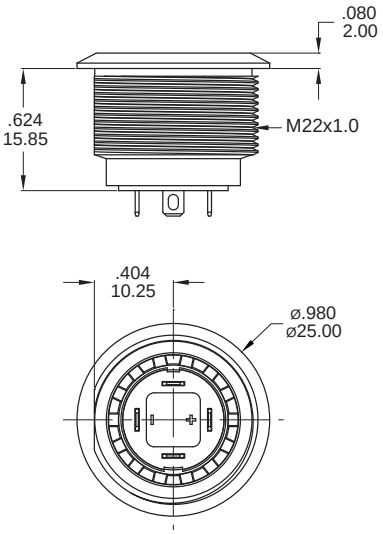
1 Double flat



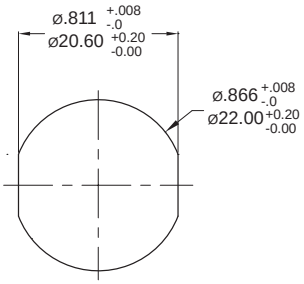
2 Non-flat



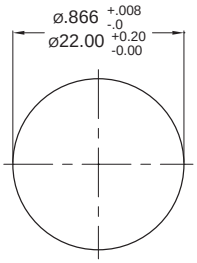
3 D Shape



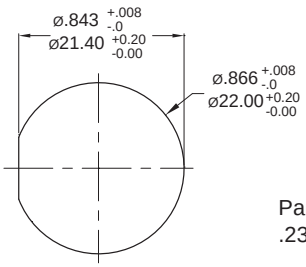
▼ PANEL MOUNTING



Double flat



Non-flat

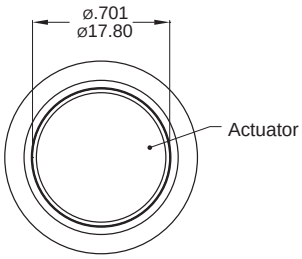


D Shape

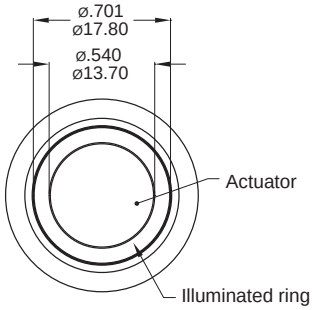
Panel thickness:
.236inch(6.0 mm) MAX.

▼ LIGHT OPTIONS

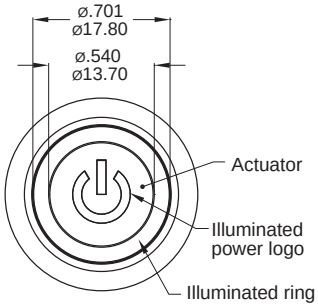
N Without LED



E Ring

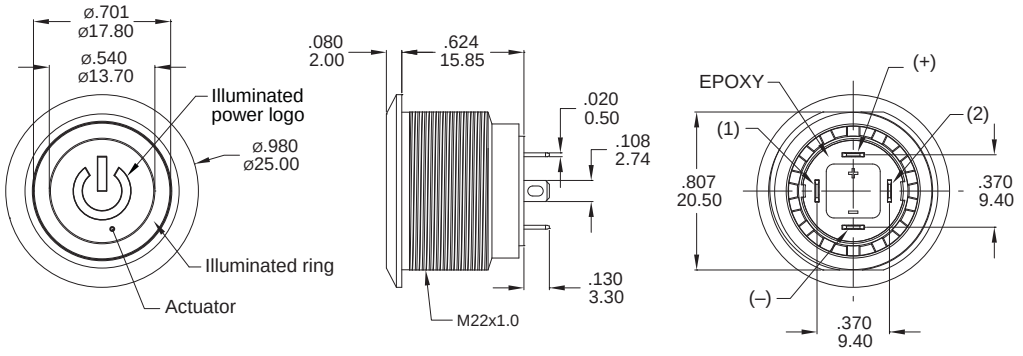


P Power+Ring



Dimensions shown in inch(mm). Specifications and availability subject to change without notice.

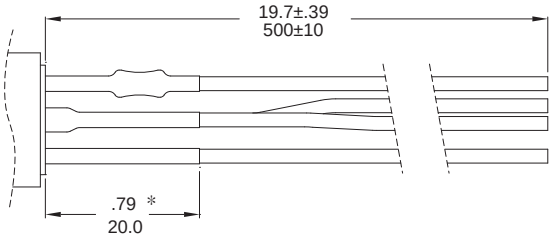
▼ DIMENSION



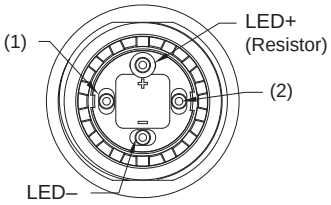
Model name. PS22-A01FP-1-JR-12V

▼ WIRE

L0001 500mm wire leads 20 AWG



* No external resistance heat shrink sleeve .39inch(10mm).



Wires:
Black wire - Terminal
Red wire - LED (+) Positive
Green wire - LED (-) Negative

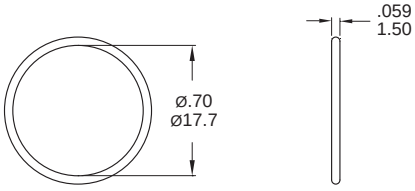
* No Illumination: Black Wire - Terminal
* Please consult sales for additional wire options.

▼ HARDWARE

* Standard hardware : 1 nut, 1 O-ring
* For further information please consult sales representatity.

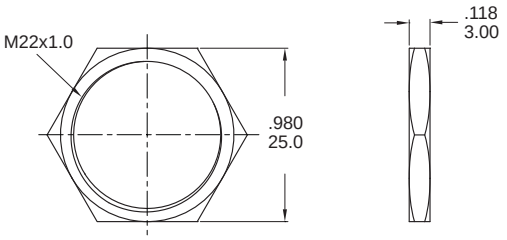
O-RING (Std.)

Model name. FCP-MPB07

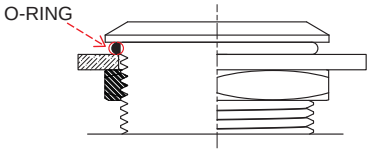
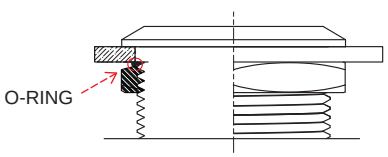


NUT (Std.)

Model name. MNU-MPB02



▼ O-RING INSTALLATION

Proposal	In front of the panel	Behind the panel
Installation Diagram		

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