



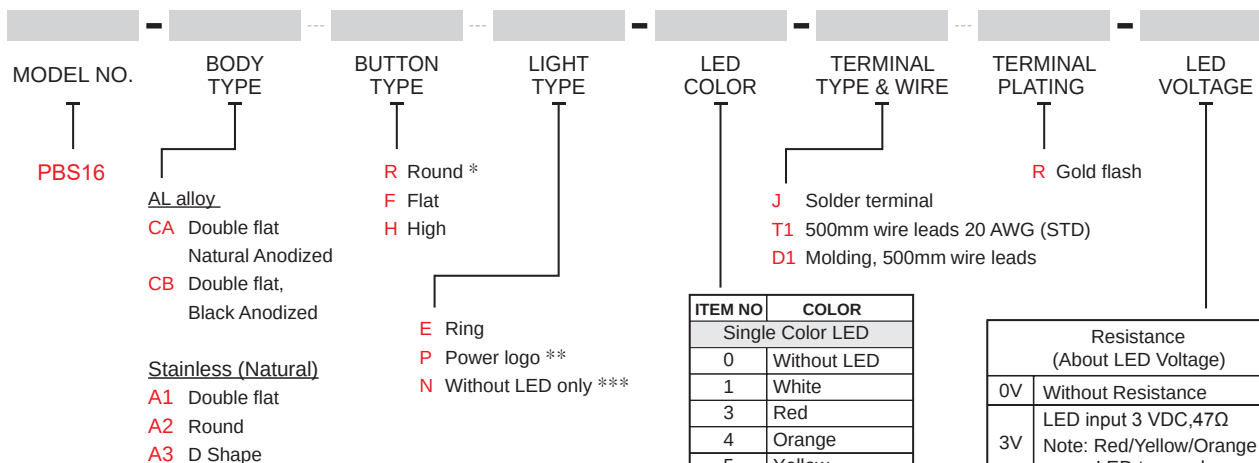
SPECIFICATIONS

RATING: Max : 2A / 36VDC ; Min : 0.5A / 12VDC.
ELECTRICAL LIFE: 200,000 make-and-break cycles at full load
MECHANICAL LIFE: 1,000,000 cycles
INSULATION RESISTANCE: 1,000 MΩ min. at 500VDC
DIELECTRIC STRENGTH: 2,000V RMS @ sea level (initial value)
CONTACT RESISTANCE: 50 mΩ max.
OPERATION TEMPERATURE: -20°C~+70°C
TRAVEL: About 2.0±0.20mm
OPERATION PRESSURE: 4.5N±1.5N
INGRESS PROTECTION: IP67(In house test)
TORQUE: 11.5 kgf · cm

MATERIALS

BUSHING: Aluminum alloy / Stainless Steel
BASE: PBT (UL 94-V0)
ACTUATOR: PC (Translucent UL 94-V2)
CAP: Aluminum alloy / Stainless Steel
SPRING: Steel.
SEALING: Silicone (Translucent).
O-Ring: Silicone (Translucent).
TERMINAL: Brass, Gold flash plated.
CONTACT: Silver alloy.
HEX NUT: Brass (Nickel plated).

HOW TO ORDER



※ ohms value of resistance tolerance: ±5%

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

- * For body type CA and CB only
- ** Not applicable for button type H
- *** For button type H only
- **** Except standard color, for other colors information please consult sales representativity.

EXAMPLE:

PBS16-CARE-0-JR-0 (Without LED)

PBS16-CARE-□-JR-□V

LED voltage
LED color

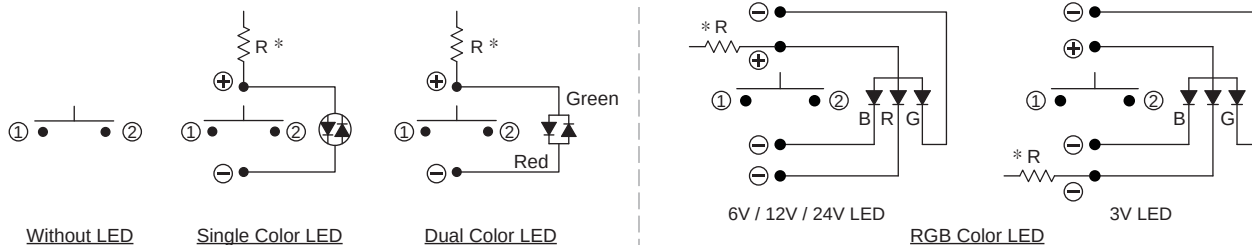


PBS16 Series

16mm Metal Pushbutton Switches



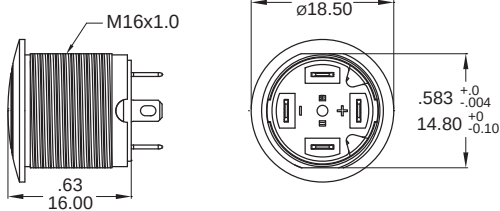
▼ CIRCUIT



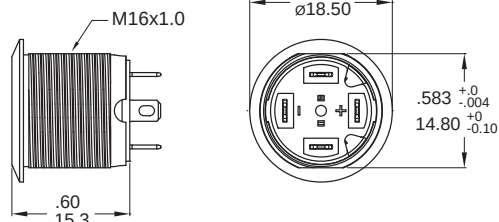
* Note: According to the input voltage adjustment resistance.

▼ BODY OPTIONS

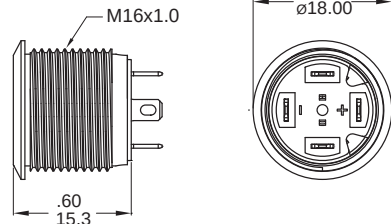
CA / CB Double flat



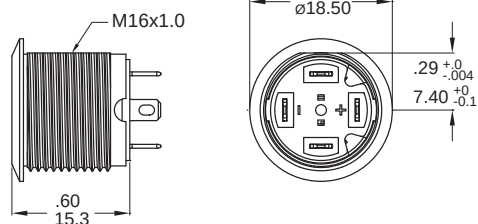
A1 Double flat



A2 Round



A3 D Shape

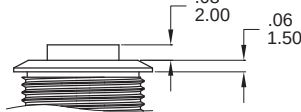


▼ BUTTON OPTIONS

R Round



H High *



F Flat *

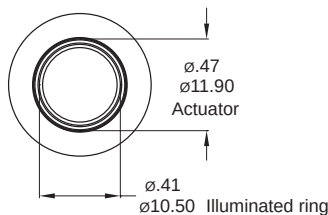


Available with body type CA and CB only

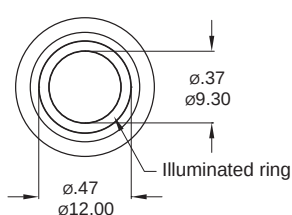
* Note: Available with body type A1~A3 only

▼ LIGHT OPTIONS

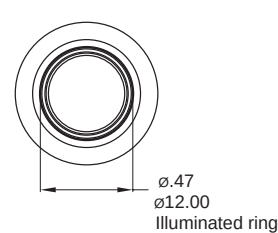
E Ring



ROUND CAP

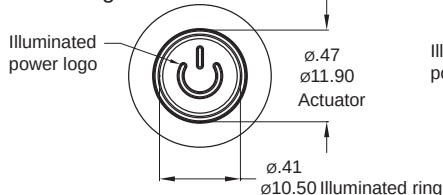


HIGH CAP

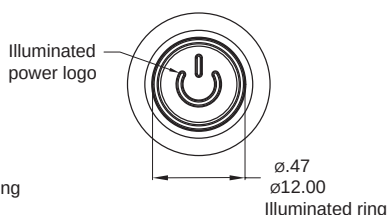


FLAT CAP

P Power logo

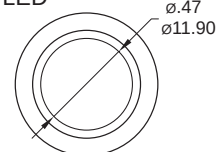


ROUND CAP



FLAT CAP

N Without LED

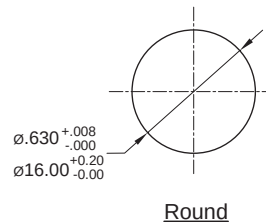
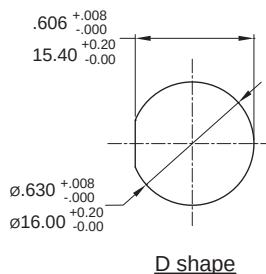
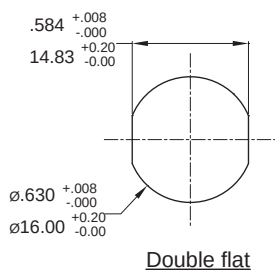


Only for high buttons

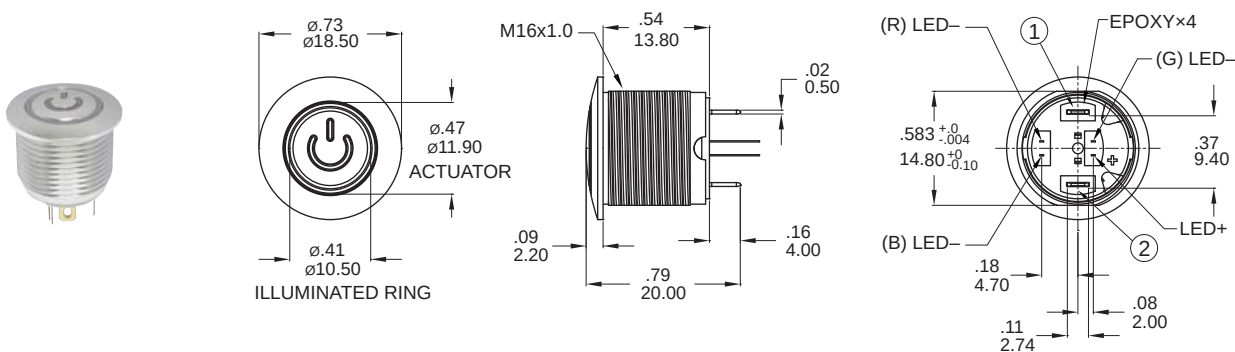
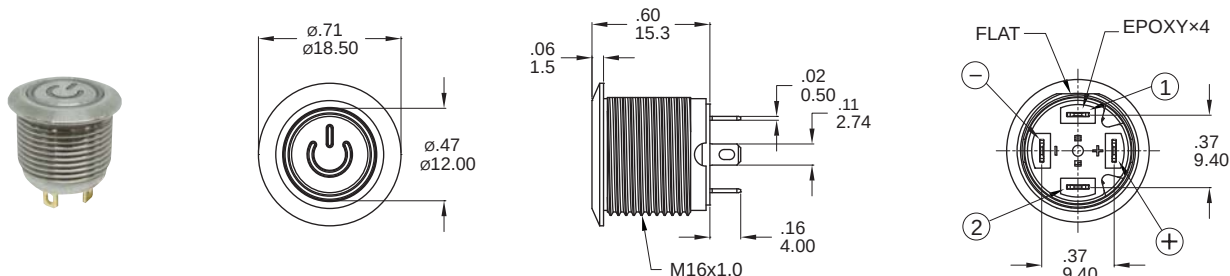
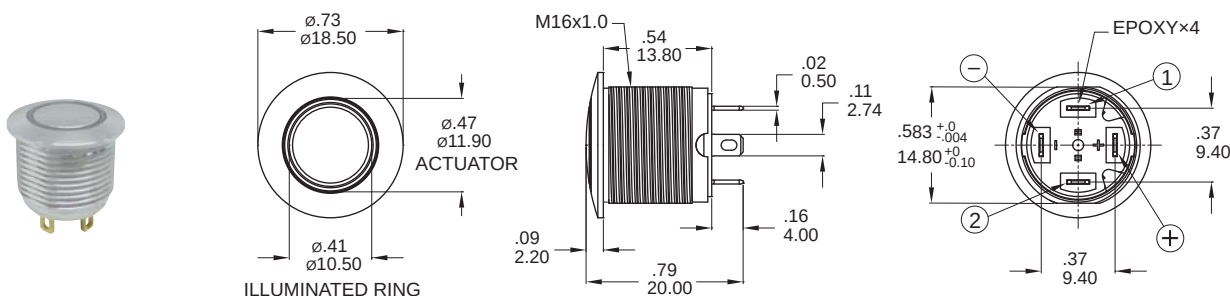


▼ PANEL MOUNTING

Panel thickness:
8.0 mm (.031inch) MAX.



▼ DIMENSION





PBS16 Series

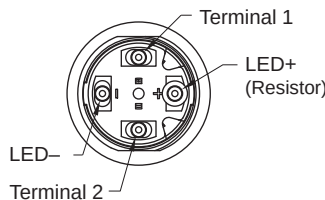
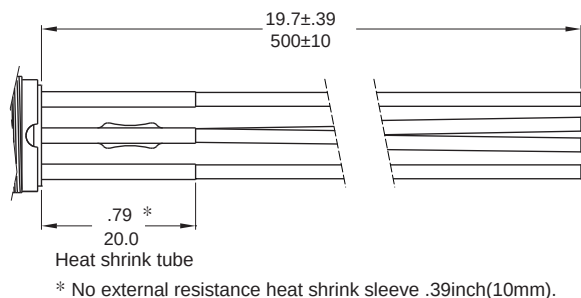
16mm Metal Pushbutton Switches



▼ WIRE OPTIONS

* Please consult sales for additional wire options.

T1 500mm wire leads 20 AWG

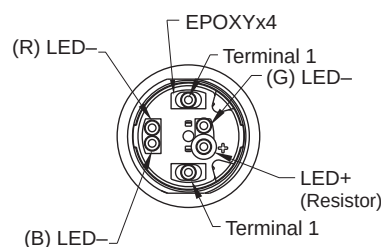
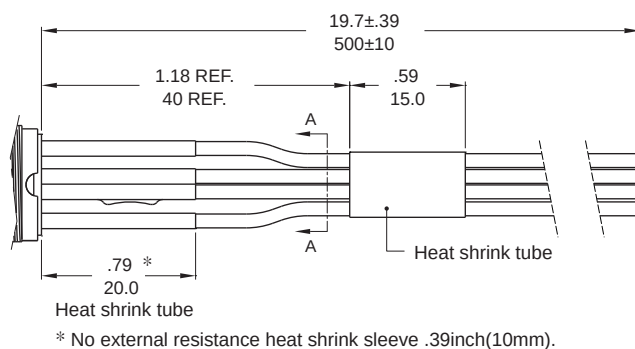


Wires:

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

* No Illumination: Black Wire - Terminal

T1 500mm wire leads 20 AWG (RGB LED)

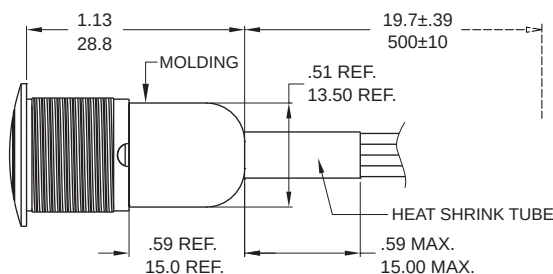


SECTION A-A

Wires:

Black wire - Terminal
White wire - LED (+) Positive
Red wire - (R)LED (-) Negative
Blue wire - (G)LED (-) Negative
Green wire - (B)LED (-) Negative

D1 Molding, 500mm wire leads



Wires: 20 AWG

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

* No Illumination: Black Wire - Terminal

RGB LED Wires: 22 AWG

Black wire - Terminal
White wire - LED (+) Positive
Red wire - (R)LED (-) Negative
Blue wire - (G)LED (-) Negative
Green wire - (B)LED (-) Negative

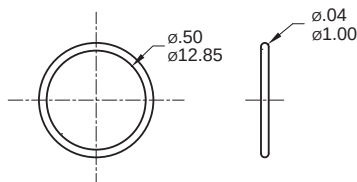
▼ HARDWARE

* Standard hardware : 1 nut, 1 O-ring

* For further information please consult sales representativity.

O-RING (Std.)

Model name. FCP-MP602



NUT (Std.)

Model name. MNU-PY01

