



PS19 Series

19mm Short Metal Pushbutton Switches



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

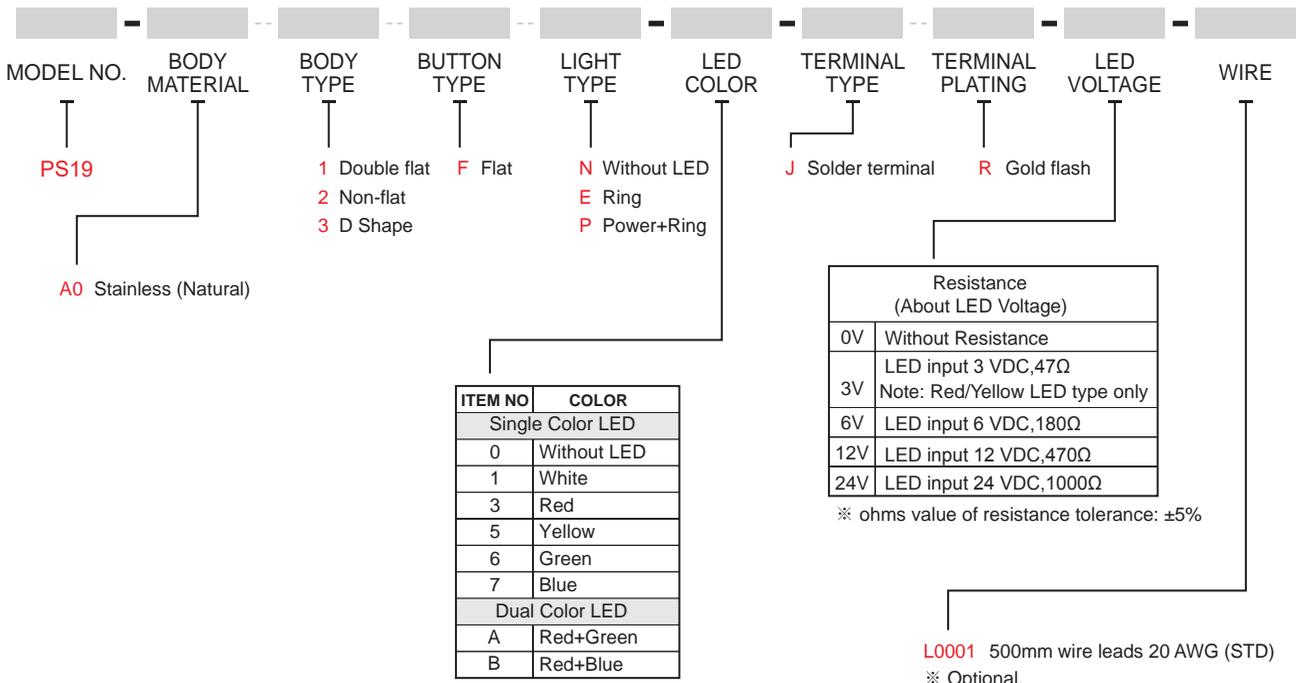
O-Ring : Silicone

TERMINAL : Brass, Gold flash plated

CONTACT : Brass, Silver alloy

HEX NUT : Brass, Nickel plated

HOW TO ORDER



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

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

EXAMPLE:

PS19-A01FE-□-JR-□V
LED voltage
LED color

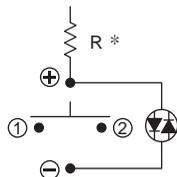
PS19-A01FE-□-JR-□V-L0001(Wire)
LED voltage
LED color



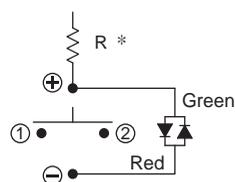
▼ CIRCUIT



Without LED



Single Color LED

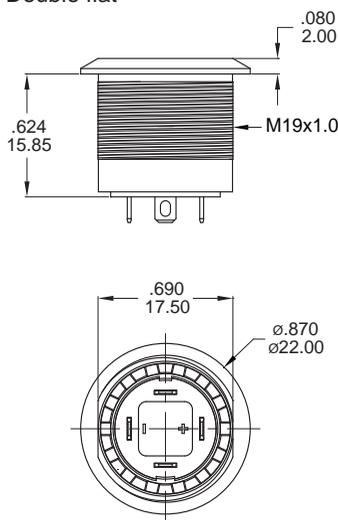


Dual Color LED

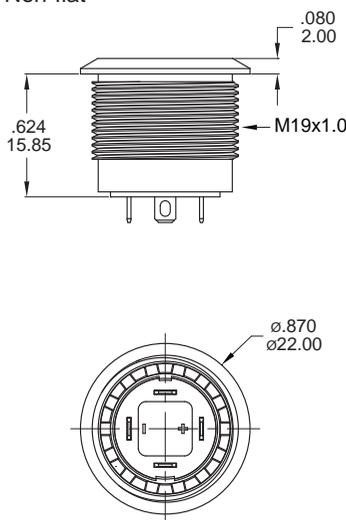
* Note: Adjust the resistance according to the input voltage.

▼ BODY OPTIONS

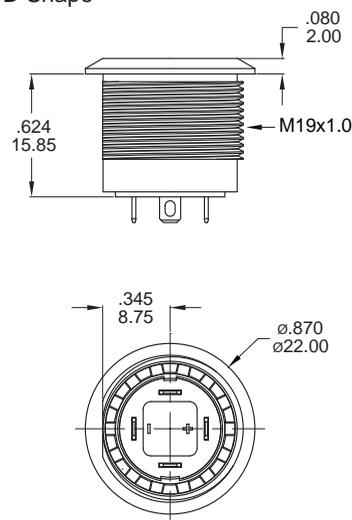
1 Double flat



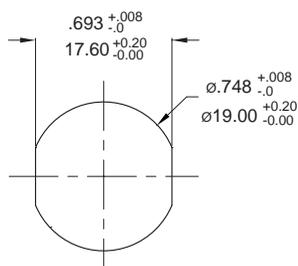
2 Non-flat



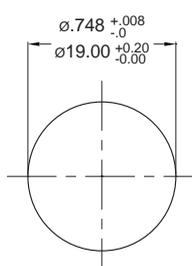
3 D Shape



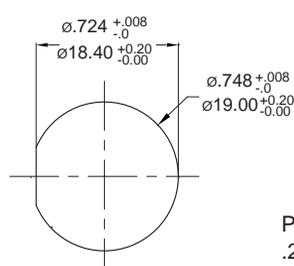
▼ PANEL MOUNTING



Double flat



Non-flat

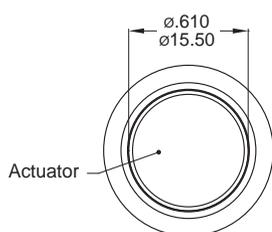


D Shape

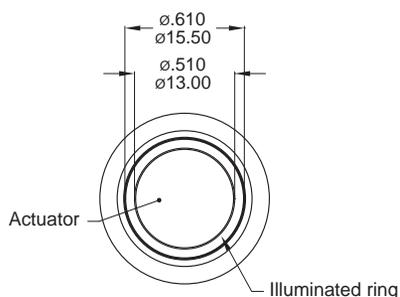
Panel thickness:
.236inch(6.0 mm) MAX.

▼ LIGHT OPTIONS

N Without LED



E Ring



P Power+Ring

