# **Push Button Switch**



## RoHS Compliant



### **Specifications**

Rating : 2A 24V DC

Electrical Life : Min. 10,000 cycles.

Mechanical Life : 1,000,000 cycles.

Insulation Resistance : 100 MO Min. at 500V F

 $\begin{array}{ll} \mbox{Insulation Resistance} & : 100 \mbox{ M}\Omega \mbox{ Min. at 500V DC.} \\ \mbox{Dielectric Strength} & : 500\mbox{Vrms @ sea level} \end{array}$ 

Contact Resistance :  $100m\Omega$  Max. @ 1A/12V DC(initial value)

Operation Temperature : -20°C to +65°C

Travel : 1.5mm (.059) ±0.3mm

Operation Pressure : 7N ±2N.
Ingress Protection : IP67

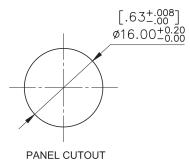
Torque : 0.5 to 1Nm max. applied to nut

#### Materials

Case/Bushing : Nylon 6/6
Cap : Polyurethane
Button : Stainless steel

Actuator : POM

Nut : SPCC (Nickel Plated)
O-RING : Silicone (Translucent)



Panel thickness:7mm(.276) max.

#### **Switch Function**

Model No.	Pos.1	Pos.2
	OFF	MOM (ON)
MPMD16-P2102D-L001	CLOSE	OPEN
Schematic	Com Nc	Com Nc

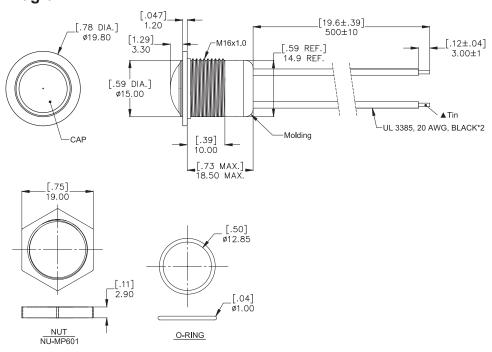
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### Diagram



Dimensions: Millimetres (Inches)

#### **Part Number Table**

Description	Part Number
Low Profile Pushbutton Switch, Cap Color Black, SPST-NC	MPMD16-P2102D-L001

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