

# Metal Pushbutton Switch



RoHS  
Compliant



MPB19-A0F11D-112-JQ



MPB19-A0F10R-312-JQ



MPB19-A0F10R-712-JQ



MPB19-A0F21R-612-JQ

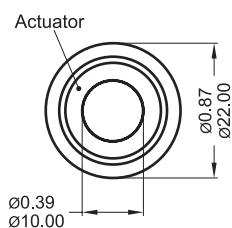
## Specifications:

Contact Material	: Silver
Rating	: 5A/250V AC. Resistive load 3A/250V AC
Contact Resistance	: 50mΩ Max. @ 1A 12V DC(initial value)
Insulation Resistance	: 1,000MΩ Min. at 500V DC
Dielectric Strength	: 2,000VRMS @ sea level
Operating Temperature	: -20°C to +55°C
Mechanical Life	: Momentary 10,00,000 Cycles Self-Lock 5,00,000
Electrical Life	: 50,000 Make-and-Break Cycles at Full Load
Torque	: 5Nm to 14Nm
Panel Thickness	: 10mm (Ø19.2mm)
Operation Pressure	: 1 Pole 1.5N to 2.5N
Travel	: About 3.2mm
Ingress Protection	: IP67, IK10(Stainless)

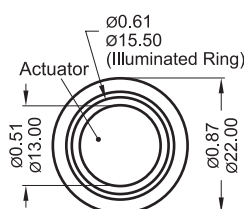
## Material:

Bushing	: Stainless Steel/Nickel Plated brass/Aluminum alloy
Base	: PBT, PC
Actuator	: PC, Stainless Steel
Inner Assembly	: POM/PA66
Spring	: Spring steel
Sealing	: Silicone
O-Ring	: Silicone
Terminal/Contact	: Copper, Silver Plated
Hex Nut	: Nickel Plated Brass

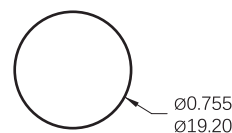
D Spot



R Ring



PANEL CUTOUT



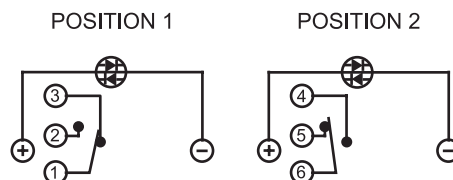
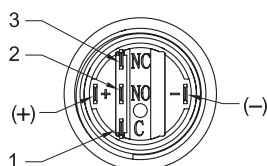
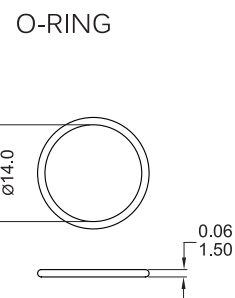
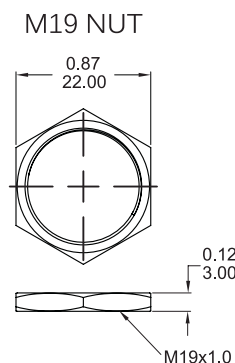
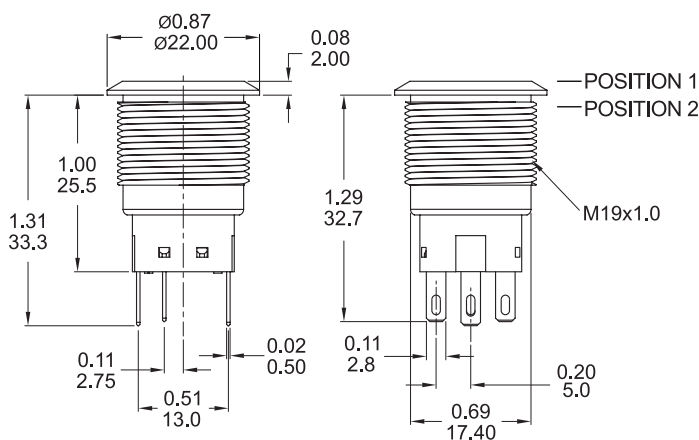
MAX.PANEL THICKNESS: 10.0mm[0.39]

Dimensions : Millimeters (Inches)

[www.element14.com](http://www.element14.com)  
[www.farnell.com](http://www.farnell.com)  
[www.newark.com](http://www.newark.com)



# Metal Pushbutton Switch



## Part Number Table

Description	LED Colour	Part Number
Metal Pushbutton Switch, 12V	Red	MPB19-A0F10R-312-JQ
	Blue	MPB19-A0F10R-712-JQ
	White	MPB19-A0F11D-112-JQ
	Blue	MPB19-A0F21R-612-JQ

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