

Specifications

Function: Momentary action.
 Mechanical Life: 100,000 make-and-break cycles.
 Electrical Life: 50,000 cycles.
 Contact Resistance: 200 mΩ max. (initial value) @ 2-4 VDC 100 mA
 Contact Rating: 0.4 Volt-Amps (VA) max.@20V max (AC or DC)
 Operating Position: 0.65 ± 0.2 mm.
 Operating Force: 450 ± 130 gf.
 Insulation Resistance: 100 MΩ min.
 Dielectric Strength: 1,000 V RMS @sea level.(initial value)
 Operating Temperature: -30°C to 85°C.
 Torque: 2.2 Nm max. applied to nut.

Ingress Protection: IP67 (In house test)



Materials

Housing & Bushing: Nylon 6/6.
 Button: Stainless steel.
 Actuator: Silicon.
 Conductive Contact: Stainless Steel with gold plated.
 Terminal: Copper alloy ,with gold plated.

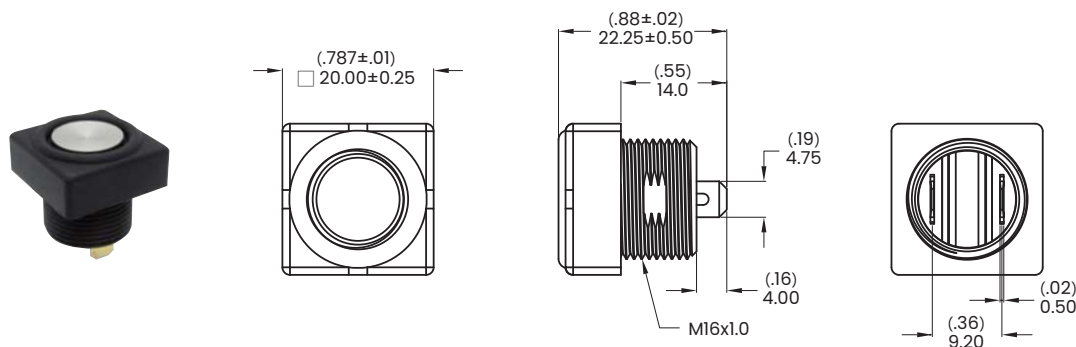
Soldering Process

Manual Soldering: Soldering Temperature : 350±5°C.
 Duration of solder immersion: Max. 5 sec.

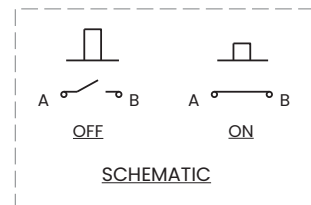
HOW TO ORDER

Model No.	Force	Housing	Housing Size	Bushing	Cover	Terminal	Contact Plating	Additional Hardware
PY OFF-ON	A45 450±130 gf	S Square	20 20mm	11 11mm	X0 NO	M1 Solder Lug	R Gold	O1 Standard hardware

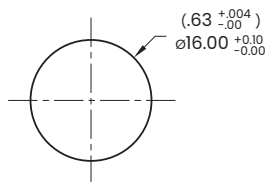
▼ DIMENSION



Model name: PYA45S2011X0M1R01



▼ PANEL MOUNTING & HARDWARE

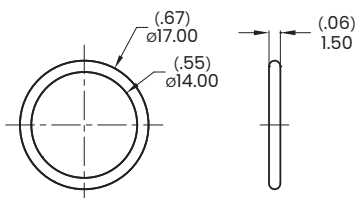


Panel thickness:
 1.5 mm (.059 inch) min. ~5 mm (.197 inch) max.

* Standard hardware : 1 Nut, 1 O-Ring
 * For further information please consult sales representative.

O-Ring

Model name: FCP-PY02



Hex Nut

Model name: MNU-PY01

