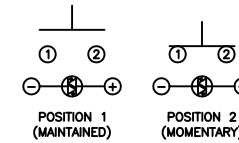


**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
1P1T OFF-(ON)

**RATING:**  
2A 48VDC

**ILLUMINATION VOLTAGE:**  
2.8V 20mA

**CONTACT RESISTANCE:**  
Initial: 50mΩ Max. at 1A 12VDC

**INSULATION RESISTANCE:**  
1,000MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
2,000VAC Min. for 1 Minute

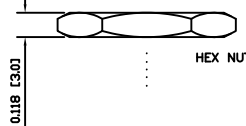
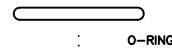
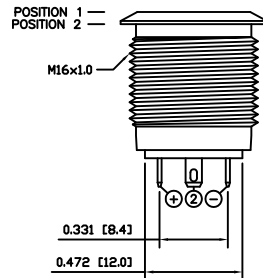
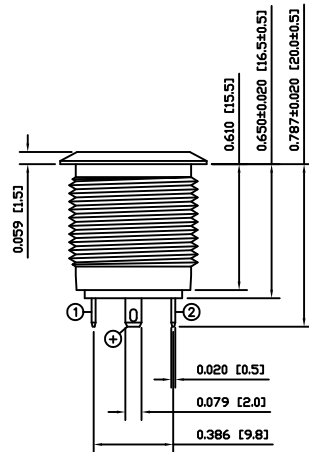
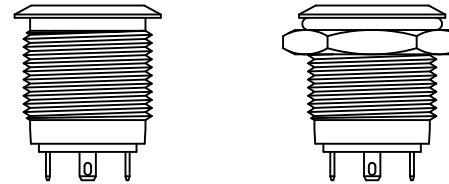
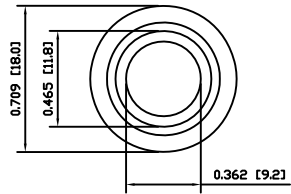
**ELECTRICAL LIFE:**  
200,000 Cycles

**MECHANICAL LIFE:**  
1,000,000 Cycles

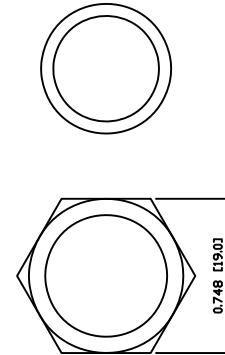
**INGRESS PROTECTION:**  
IP65

**TEMPERATURE:**  
Operating: -20°C to 70°C

**APPROVALS:**  
**RoHS**  
COMPLIANT



**EXPLODED VIEW**



**ASSEMBLED VIEW**

**COLORS AND FINISH**

**BODY:**  
Stainless Steel  
Machine Finish

**ACTUATOR:**  
Stainless Steel  
Machine Finish

**ILLUMINATION:**  
White (Forward)  
White (Reverse)

**MATERIALS**

**BUSHING:**  
Stainless Steel (304)

**BASE:**  
Polybutylene Terephthalate (PBT), UL94 V-2

**ACTUATOR:**  
Stainless Steel (304)  
Polycarbonate (PC)

**HARDWARE:**  
Nickel Plated Brass (H59)

**SEALING:**  
Silicone Rubber

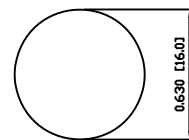
**SPRING:**  
Stainless Steel (304)

**CONTACTS:**  
Silver Alloy Plated Copper (AgCdO)

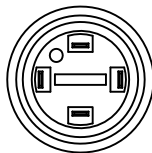
**TERMINALS:**  
Brass (H62)

**O-RING:**  
Silicone Rubber

**SUGGESTED PANEL CUTOUT**



MAXIMUM PANEL THICKNESS: 0.315 [8.0mm]



BODY	A	09/06/03	CAB
COLORS	A	09/06/03	CAB
MATERIALS	B	09/10/26	CAB
SPECIFICATIONS	A	09/06/03	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	19863	11/02/08	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1°	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

TITLE			
PV6F240SS-301			
SCALE	ITEM NUMBER	DATE	REVISION
DRAWING NOT TO SCALE	52-PV6F240SS301	FEBRUARY 2, 2011	A

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