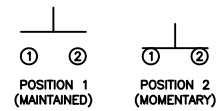


**SCHEMATIC**



**SPECIFICATIONS**

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

**RATING:**  
2A 48VDC

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

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

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

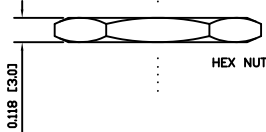
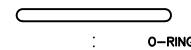
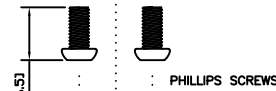
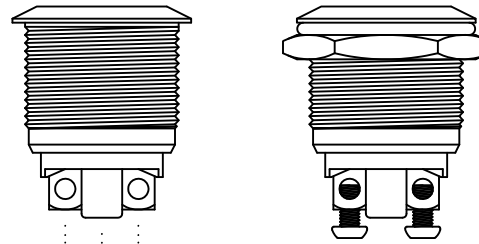
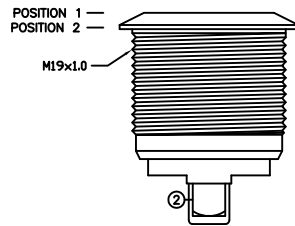
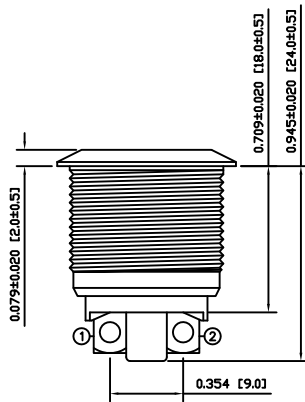
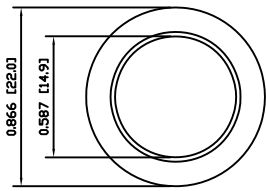
**ELECTRICAL LIFE:**  
200,000 Cycles

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

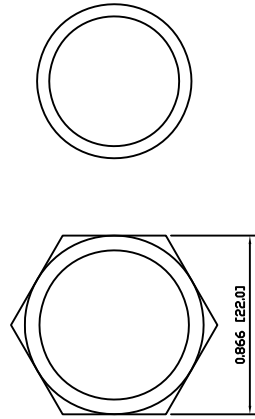
**INGRESS PROTECTION:**  
IP65

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

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



EXPLODED VIEW



ASSEMBLED VIEW

**COLORS AND FINISH**

**BEZEL:**  
Stainless Steel  
Polished Finish

**ACTUATOR:**  
Stainless Steel  
Polished Finish

**MATERIALS**

**BUSHING:**  
Stainless Steel (304)

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

**ACTUATOR:**  
Stainless Steel (304)  
Brass (H59)

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

**SEALING:**  
Silicone  
Stainless Steel (304)

**INNER ASSEMBLY:**  
Polyamide 6/6 (PA66)  
Brass (H59)

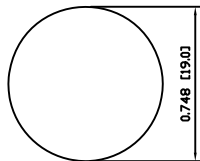
**SPRING:**  
Steel (Cr18Ni9)

**CONTACTS:**  
Silver Plated Copper

**TERMINALS:**  
Silver Plated Brass (H59)  
Steel (A3)

**O-RING:**  
Nitrile Butadiene Rubber (NBR)

SUGGESTED PANEL CUTOUT



MAXIMUM PANEL THICKNESS: 0.315 [8.0mm]

BODY	A	09/07/06	CAB
MATERIALS	A	09/07/07	CAB
SPECIFICATIONS	A	09/07/07	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	PCRD0051	09/08/05	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1'	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1:1

PV1F640SS			
DRAWING NUMBER	DATE	REVISION	
52-PV1F640SS	AUGUST 5, 2009	A	