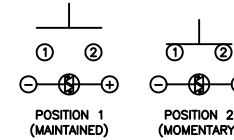


SCHEMATIC



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

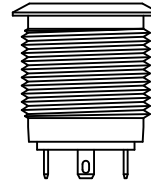
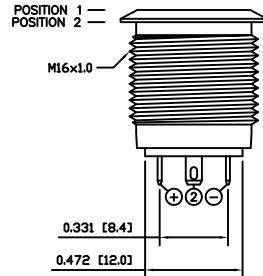
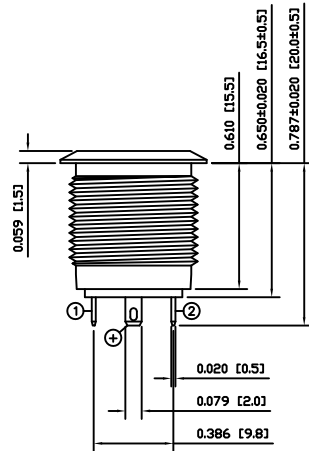
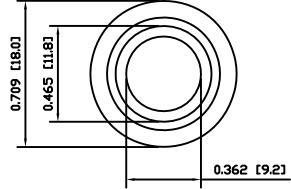
ELECTRICAL LIFE:  
200,000 Cycles

MECHANICAL LIFE:  
1,000,000 Cycles

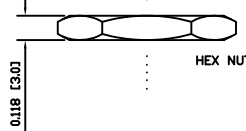
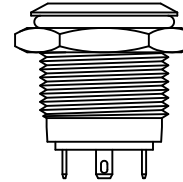
INGRESS PROTECTION:  
IP65

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

APPROVALS:  
**RoHS**  
COMPLIANT

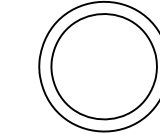


O-RING



HEX NUT

EXPLODED VIEW



ASSEMBLED VIEW

COLORS AND FINISH

BODY:  
Stainless Steel  
Machine Finish

ACTUATOR:  
Stainless Steel  
Machine Finish

ILLUMINATION:  
Green (Forward)  
Green (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

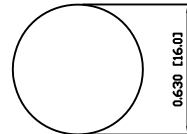
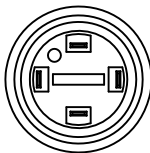
SPRING:  
Stainless Steel (304)

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    | 09/08/03 | CAB |
| COLORS         | A    | 09/08/03 | CAB |
| MATERIALS      | B    | 09/10/26 | CAB |
| SPECIFICATIONS | A    | 09/08/03 | CAB |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                     |          |          |          |
|------|---------------------|----------|----------|----------|
| B    | CORRECTED MATERIALS | PCRD0167 | 09/10/28 | CAB      |
| 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              | DRAWING NOT TO SCALE |

|                |                 |
|----------------|-----------------|
|                |                 |
| PV6F240SS-331  |                 |
| DRAWING NUMBER | 52-PV6F240SS331 |
| DATE           | OCTOBER 28 2009 |
| REVISION       | B               |