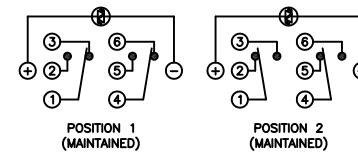


SCHEMATIC



SPECIFICATIONS

FUNCTION:
2P2T ON-ON

RATING:
2A 48VDC

ILLUMINATION VOLTAGE:
1.8V 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:
50,000 Cycles

MECHANICAL LIFE:
1,000,000 Cycles

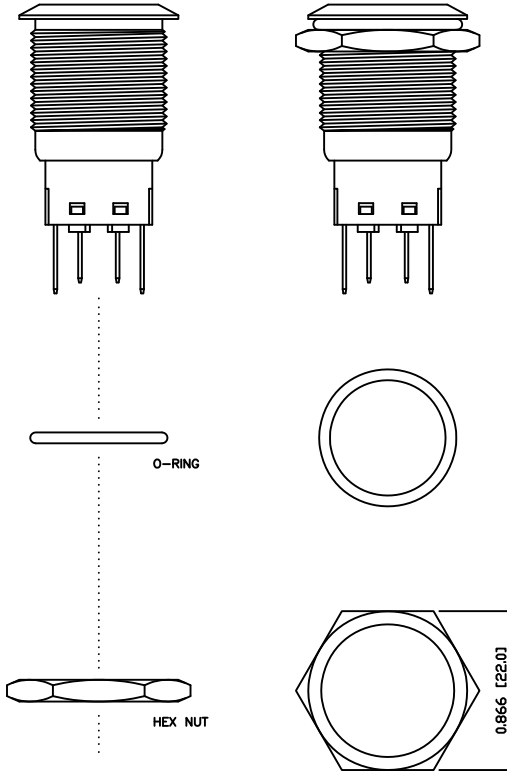
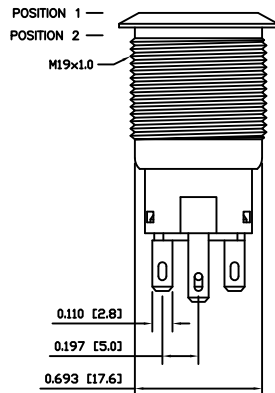
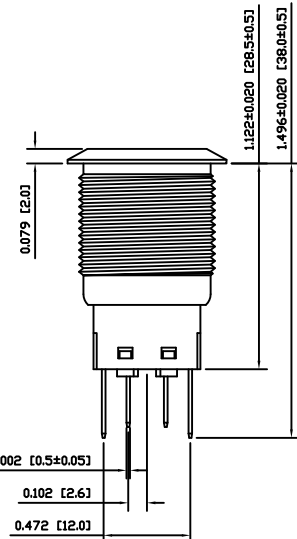
TEMPERATURE:
Operating: -20°C to 70°C

INGRESS PROTECTION:
IP65

APPROVALS:
RoHS
COMPLIANT

A

A



EXPLODED VIEW

ASSEMBLED VIEW

MATERIALS

BUSHING:
Aluminum

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

ACTUATOR:
Aluminum
Polycarbonate (PC), UL94 V-2

HARDWARE:
Nickel Plated Brass (H59)

SEALING:
Silicone
Stainless Steel (304)

INNER ASSEMBLY:
Polyoxymethylene (POM), UL94 V-2
Polycarbonate (PC), UL94 V-2
Brass (H59)

SPRING:
Steel (Cr18Ni9)

CONTACTS:
Silver Plated Copper

TERMINALS:
Silver Plated Brass (H59)

O-RING:
Nitrile Butadiene Rubber (NBR)

COLORS AND FINISH

BEZEL:
Black
Anodized Finish

ACTUATOR:
Black
Anodized Finish

ILLUMINATION:
Red (Forward)
Red (Reverse)

MARKING:
None

B

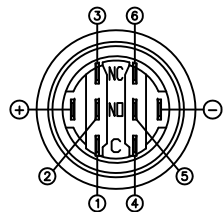
B

C

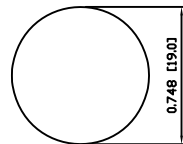
C

D

D



SUGGESTED PANEL CUTOUT



MAXIMUM PANEL THICKNESS: 0.433 [11.0mm]

BODY	A	09/07/24	CAB
COLORS	A	09/08/05	CAB
MATERIALS	B	09/10/16	CAB
SPECIFICATIONS	A	09/07/27	CAB
REFERENCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

CORRECTED TERMINAL MATERIALS AND TERMINALS		PCRD0167	09/10/21	CAB
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

PV4F2G011-311

DRAWING NUMBER	DATE	REVISION
52-PV4F2G011311	OCTOBER 21, 2009	B