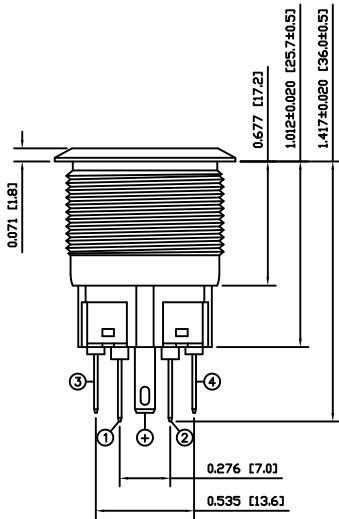
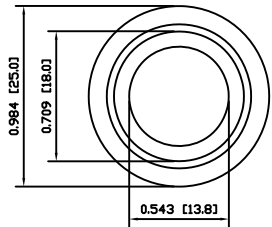
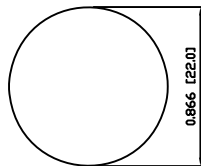


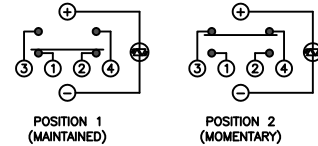
SUGGESTED PANEL CUTOUT



MAXIMUM PANEL THICKNESS: 0.0315 [0.80mm]

09/12/22 MWW

SCHEMATIC



SPECIFICATIONS

FUNCTION:
1PNO OFF-(ON) + 1PNC ON-(OFF)

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

MATERIALS

BUSHING:
Stainless Steel (304)

BASE:
Polyamide 6/6 (PA66)

ACTUATOR:
Stainless Steel (304)
Polycarbonate (PC)

HARDWARE:
Nickel Plated Brass (H59)

SEALING:
Silicone Rubber

INNER ASSEMBLY:
Polycarbonate (PC)
Polyoxymethylene (POM)
Brass (H62)
Stainless Steel (304)

SPRING:
Stainless Steel (304)

CONTACTS:
Silver/Cadmium Oxide (AgCdO)

TERMINALS:
Brass (H62)

O-RING:
Silicone Rubber

COLORS AND FINISH

BEZEL:
Stainless Steel
Machine Finish

ACTUATOR:
Stainless Steel
Machine Finish

ILLUMINATION:
Red (Forward)
Red (Reverse)

MARKING:
None

OBJECT ID: 000002998

BODY	A	09/07/22	CAB
COLORS	A	09/07/22	CAB
MATERIALS	B	09/12/02	CAB
SPECIFICATIONS	B	09/12/29	CAB
REFERENCE	REV.	DATE	BY

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

B	CORRECTED MATERIALS	PCRD0283	09/12/29	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



E-SWITCH®



PV7F2Y0SS-311

PROJECTION
FIRST ANGLE

DRAWING NUMBER
52-PV7F2Y0SS311

DATE
DECEMBER 29, 2009

REVISION
B