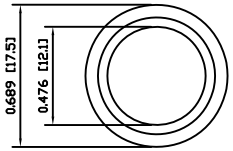
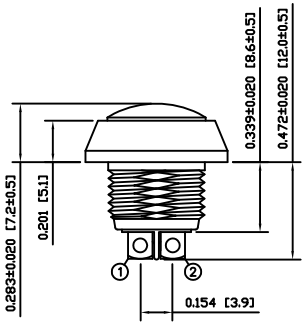
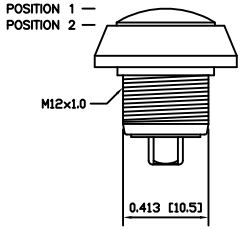
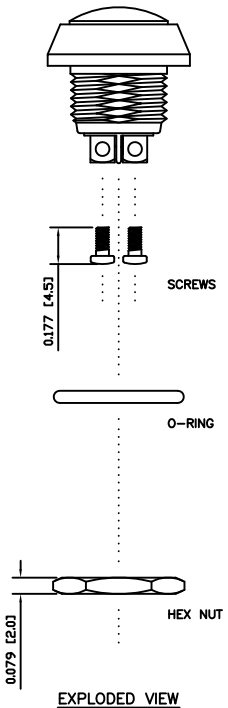
SHEET 1 OF 1



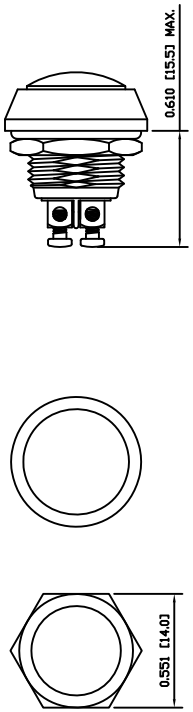




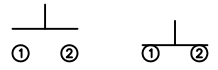
EXPLODED VIEW



ASSEMBLED VIEW



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

COLORS AND FINISH

BODY:
Black
Anodized Finish

ACTUATOR:
Red

MARKING:
None

MATERIALS

BUSHING:
Zinc-Aluminum Alloy

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

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

HARDWARE:
Brass (H59)

SEALING:
Silicone

INNER ASSEMBLY:
Polyamide 6/6 (PA66)
Brass (H62)

SPRING:
Stainless Steel (304)

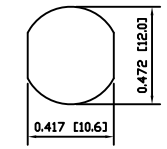
CONTACTS:
Gold Plated Brass (H62)

TERMINALS:
Silver Plated Brass (H62)
Steel (A3)

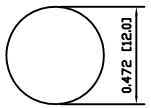
O-RING:
Nitrile Butadiene Rubber (NBR)



SUGGESTED PANEL CUTOUT



ALTERNATE PANEL CUTOUT



MAXIMUM PANEL THICKNESS: 0.157 [4.0mm]

BODY	A	09/08/04	CAB
COLORS	A	09/08/04	CAB
MATERIALS	A	09/08/04	CAB
SPECIFICATIONS	A	09/08/04	CAB
REFERANCE	REV.	DATE	BY

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REV.	DESCRIPTION	PCR	DATE	DRAWN BY
A	INITIAL RELEASE	19617	11/01/25	CAB

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

E•SWITCH® | LAMB™ INDUSTRIES

TITLE: PV5S64019G

ITEM NUMBER: 52-PV5S64019G
DATE: JANUARY 25, 2011
REVISION: A