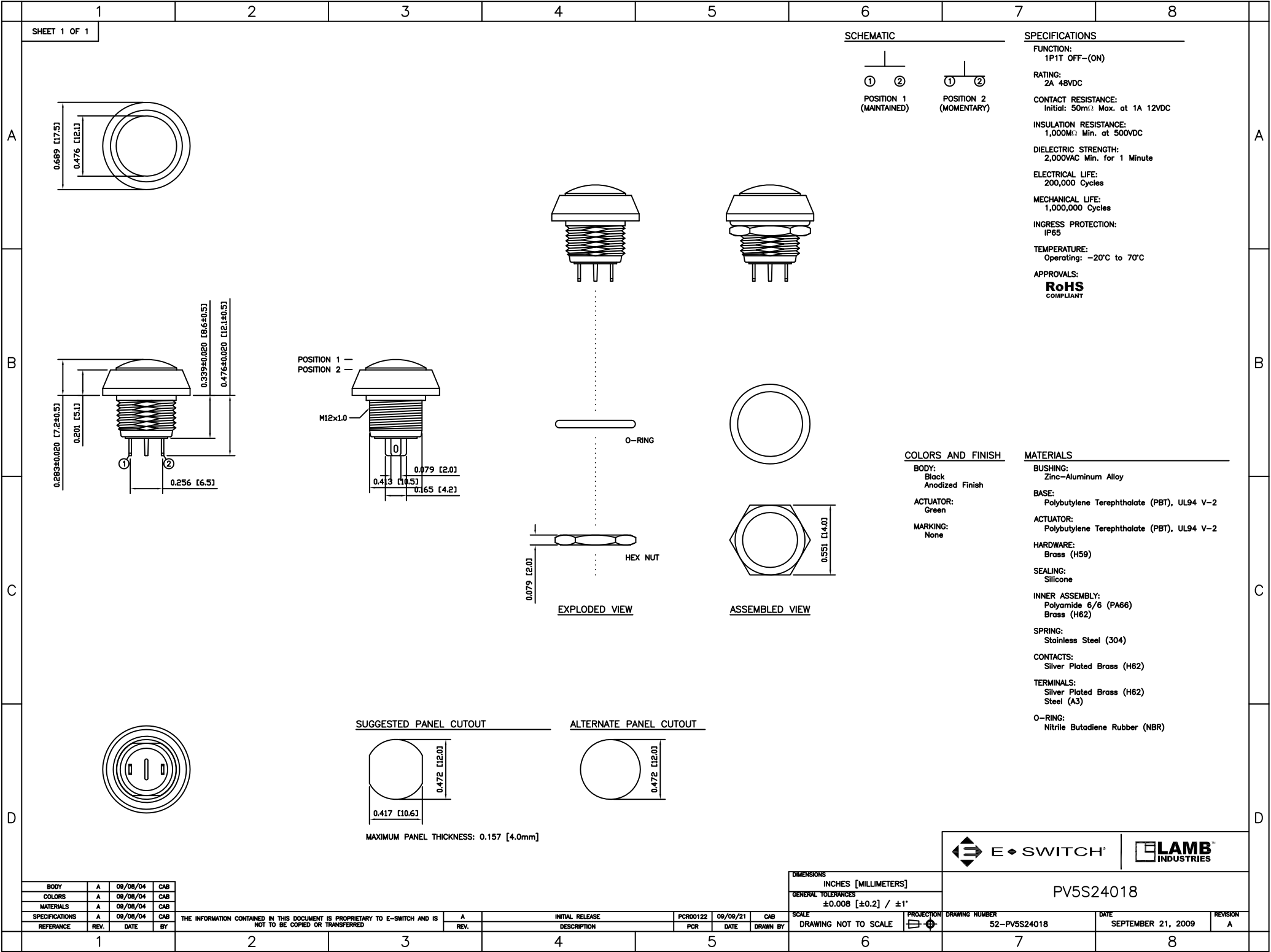
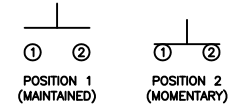




SHEET 1 OF 1

**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:**  
Green

**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)

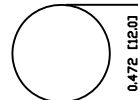
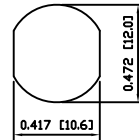
**CONTACTS:**  
Silver Plated Brass (H62)

**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 |
| REFERENCE      | REV. | DATE     | BY  |

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|      |                 |          |          |          |
|------|-----------------|----------|----------|----------|
| A    | INITIAL RELEASE | PCRD0122 | 09/08/21 | CAB      |
| REV. | DESCRIPTION     | PCR      | DATE     | DRAWN BY |

|                    |                      |
|--------------------|----------------------|
| DIMENSIONS         | INCHES [MILLIMETERS] |
| GENERAL TOLERANCES | ±0.008 [±0.2] / ±1°  |
| SCALE              | DRAWING NOT TO SCALE |
| PROJECTION         | 1ST ANGLE            |

|                |                    |
|----------------|--------------------|
|                |                    |
| PV5S24018      |                    |
| DRAWING NUMBER | 52-PV5S24018       |
| DATE           | SEPTEMBER 21, 2009 |
| REVISION       | A                  |