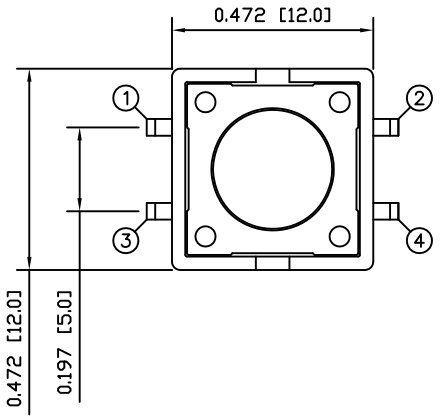
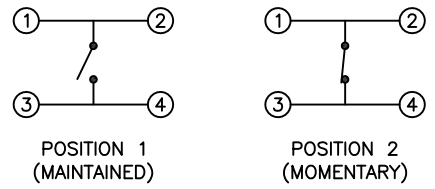


A



**SCHEMATIC**

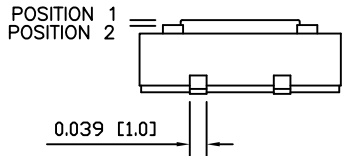
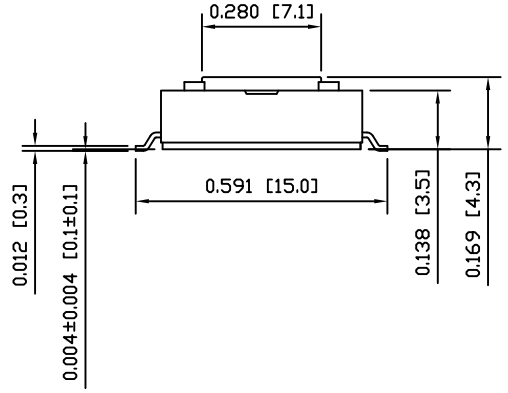


**SPECIFICATIONS**

- FUNCTION:  
1P1T OFF-(ON)
- RATINGS:  
50mA 12VDC
- OPERATING FORCE:  
160±50gf
- TRAVEL:  
0.014±0.004 [0.35±0.1]
- CONTACT RESISTANCE:  
Initial: 100mΩ Max. at 5mA 5VDC
- INSULATION RESISTANCE:  
100MΩ Min. at 500VDC
- DIELECTRIC STRENGTH:  
250VAC For 1 Minute
- ELECTRICAL LIFE:  
200,000 Cycles
- SHOCK RESISTANCE:  
Mil-Std. 202, Method 213B
- VIBRATION RESISTANCE:  
Mil-Std. 202F, Method 201A
- TEMPERATURE:  
Operating: -25°C to 70°C  
Storage: -30°C to 80°C

A

B



B

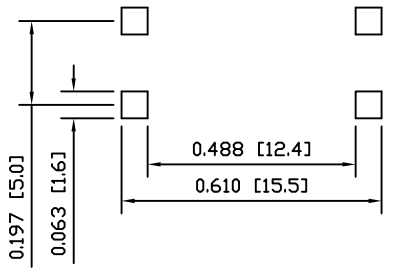
C

**APPROVALS:**



C

**SUGGESTED PCB LAYOUT**



**PACKAGING**

PACKAGING TYPE:  
TUBE  
  
QUANTITY:  
40 Pieces

**MATERIALS**

- BASE:  
Polyamide (FR52), UL94 V-0
- COVER:  
Stainless Steel
- ACTUATOR:  
Polyamide (FR52), UL94 V-0
- CONTACTS:  
Silver Clad Phosphor Bronze
- TERMINALS:  
Silver Plated Brass

D

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES [MILLIMETERS]  
TOLERANCES ARE:  
DEC .X±0.2 ANG ± 1°  
.XXX±0.008 DRAWING NOT TO SCALE  
DRAWN BY: STACEY CHRISTIANSON



LAST REVISION:  
JULY 31, 2008

DRAWING NUMBER: 06-TS12M-4.3-160-B.dwg

TS12M-4.3-160-B