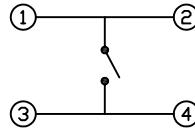


SCHEMATIC



SPECIFICATIONS

FUNCTION:  
1P1T OFF-(ON)

RATINGS:  
50mA 12VDC

OPERATING FORCE:  
180±50gf

TRAVEL:  
0.010±0.004 [0.25±0.1]

CONTACT RESISTANCE:  
Initial: 100mΩ Max.

INSULATION RESISTANCE:  
100MΩ Min. at 500VDC

DIELECTRIC STRENGTH:  
250VAC For 1 Minute

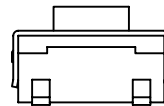
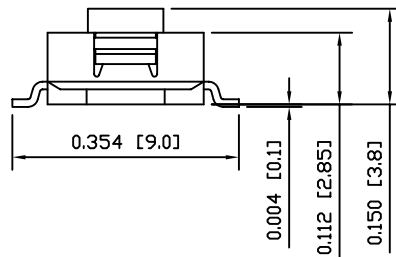
ELECTRICAL LIFE:  
500,000 Cycles

SHOCK RESISTANCE:  
Mil-Std. 202F, Method 213B

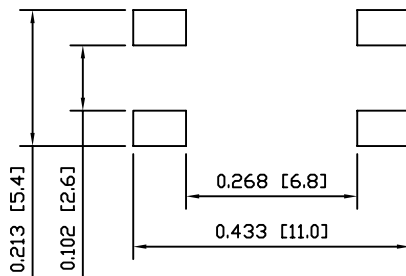
VIBRATION RESISTANCE:  
Mil-Std. 202F, Method 201A

TEMPERATURE:  
Operating: -25°C to 70°C  
Storage: -30°C to 80°C

APPROVALS:



SUGGESTED PCB LAYOUT



PACKAGING

TAPE AND REEL

QUANTITY:  
1900 Pieces

MATERIALS

BASE:  
Nylon Thermoplastic, UL94 V-0

COVER:  
Stainless Steel

ACTUATOR:  
Silicone Rubber

CONTACTS:  
Stainless Steel

TERMINALS:  
Silver Plated Brass

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: CARL BUCHHEIT	

 P.O. Box 25110 Portland, OR 97298	LAST REVISION: JAN. 16, 2007
	DRAWING NUMBER: 06-TSM9W-3.8-180-TR.dwg
TSM9W-3.8-180-TR	