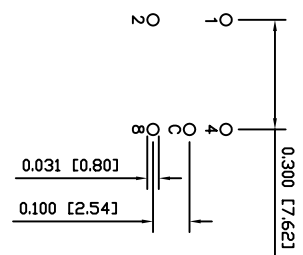


SUGGESTED PCB LAYOUT



SCHEMATIC

POSITION	TERMINAL			
	1	2	4	8
0	●			
1		●		
2			●	
3				●
4				
5				●
6				
7				●
8				
A				●
B				●
C				●
D				●
E				●
F				●

● CLOSED (Connected to C)

SPECIFICATIONS

FUNCTION: 1 Pole, 16 Positions

RATINGS:  
Switching: 100mA 5VDC  
Steady: 100mA 50VDC

OPERATING TORQUE:  
400gf·cm Max.

CONTACT RESISTANCE:  
Initial: 100mΩ Max.

INSULATION RESISTANCE:  
100MΩ Max. at 250VDC

DIELECTRIC STRENGTH:  
250VAC For 1 Minute

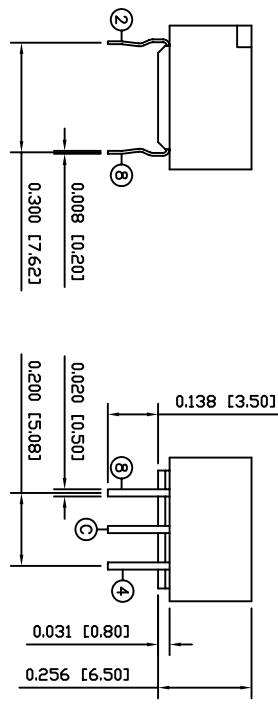
ELECTRICAL LIFE:  
10,000 Steps

SHOCK RESISTANCE:  
Mil-Std. 202F, Method 213B, Condition A  
Gravity: 50G  
Direction: 6 Sides  
Times: 3 Each Direction

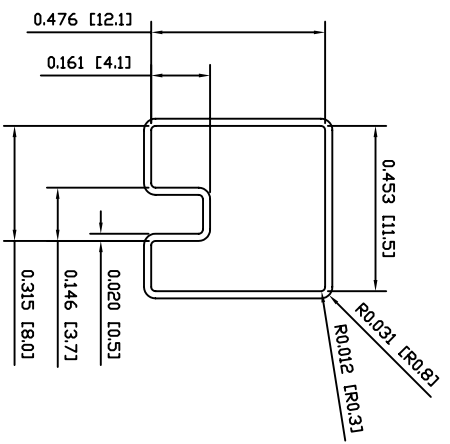
VIBRATION RESISTANCE:  
Mil-Std. 202, Method 204C, Condition B  
Frequency: 10~2,000Hz  
Amplitude: 1.52mm  
Direction: X, Y, Z  
Time: 2 Hours Each Direction

TEMPERATURE:  
Operating: -10°C to 60°C  
Storage: -55°C to 85°C

APPROVALS:



PACKAGING



TUBE LENGTH:  
20.0 [508]  
TUBE QUANTITY:  
47 Pieces

MATERIALS

BASE:  
Polyphenylene Sulfide (PPS)

COVER:  
Polyphenylene Sulfide (PPS)

ACTUATOR:  
Polyacetel

CIRCUIT BOARD:  
Glass Fabric, Base Epoxy Resin  
Gold Over Nickel Plating

O-RING:  
Nitrile Butadiene Rubber (NBR)

CONTACTS:  
Gold Over Nickel Plated Phosphor Bronze

TERMINALS:  
Gold Over Nickel Plated Phosphor Bronze

COLORS

BODY:  
Black

ACTUATOR:  
Orange



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES [MILLIMETERS]  
TOLERANCES ARE:  
DEC .XX±0.2 ANG ±1'  
XXX±0.008 DRAWING NOT TO SCALE

**LAMB** INDUSTRIES P.O. Box 28110 AUG. 8, 2006  
INDUSTRIES Portland, OR 97288  
DRAWING NUMBER: 04-SRJ-16.dwg  
LAST REVISION:

SRJ-16