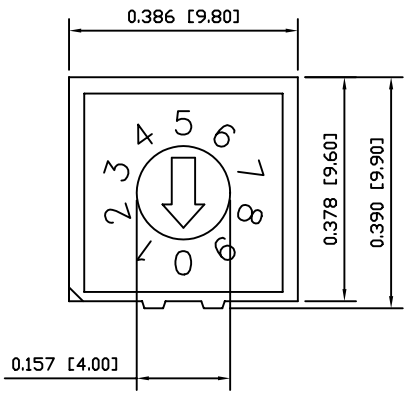


A



**SCHEMATIC**

POSITION	TERMINAL			
	1	2	4	8
0				
1	●			
2		●		
3	●	●		
4			●	
5	●		●	
6		●	●	
7	●	●	●	
8				●
9	●			●

● CLOSED (Connected to C)

**SPECIFICATIONS**

**FUNCTION:**  
1P10T

**RATINGS:**  
Switching: 25mA 24VDC  
Steady: 100mA 50VDC

**OPERATING FORCE:**  
200gfc

**CONTACT RESISTANCE:**  
Initial: 100mΩ Max.  
After Life: 200mΩ Max.

**INSULATION RESISTANCE:**  
100MΩ Min. at 250VDC

**WITHSTAND VOLTAGE:**  
250VAC For 1 Minute

**CAPACITANCE:**  
5pF Max.

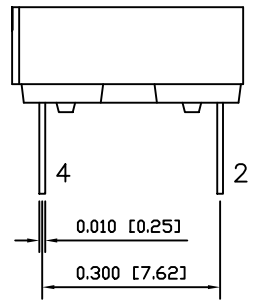
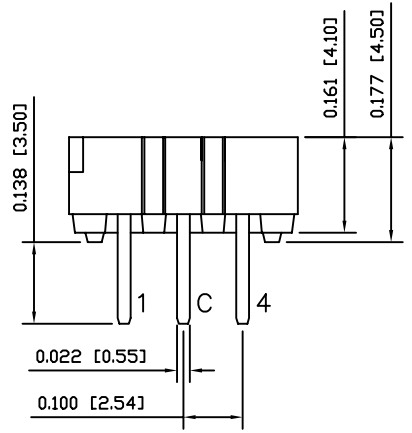
**SHOCK RESISTANCE:**  
Mil-Std. 202F, Method 213B  
Gravity: 50G, 11msec.  
Direction: 6 Sides  
Times: 3 Each Direction  
High Reliability

**VIBRATION RESISTANCE:**  
Mil-Std. 202F, Method 201A  
Frequency: 10-55-10Hz/1 Minute  
Direction: X, Y, Z  
Time: 2 Hours Each Direction  
High Reliability

**ELECTRICAL LIFE:**  
20,000 Steps Min.

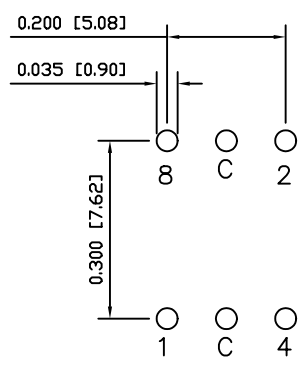
**TEMPERATURE:**  
Storage: -40°C to 85°C  
Operation: -25°C to 80°C

B



C

**SUGGESTED PCB LAYOUT**



**COLORS**

**BODY:**  
Black

**ACTUATOR:**  
White

**MARKING COLOR:**  
White

**MATERIALS**

**BASE:**  
Polyamide 9T (PA9T), UL94 V-0

**COVER:**  
Polyamide 9T (PA9T), UL94 V-0

**ACTUATOR:**  
Liquid Crystal Polymer (LCP), UL94 V-0

**CONTACTS:**  
Gold Over Nickel Plated Phosphor Bronze

**TERMINALS:**  
Gold over Nickel Plated Brass

**PACKAGING:**  
Tube

**APPROVALS:**



D

A

B

C

D

**LAMB INDUSTRIES** P.O. Box 25110 Portland, OR 97298  
LAST REVISION: JAN. 9, 2006

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

DRAWING NUMBER: 06-DR3-10R-B.dwg

**DR3-10R-B**