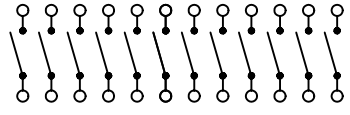


SCHEMATIC



SPECIFICATIONS

**FUNCTION:**  
10x1P1T OFF-ON, Tape Sealed

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

**ELECTRICAL LIFE:**  
2,000 Operations Per Switch

**CONTACT RESISTANCE:**  
Max. 50mΩ Initial

**INSULATION RESISTANCE:**  
100MΩ at 500VDC

**WITHSTAND VOLTAGE:**  
500VAC For 1 Minute

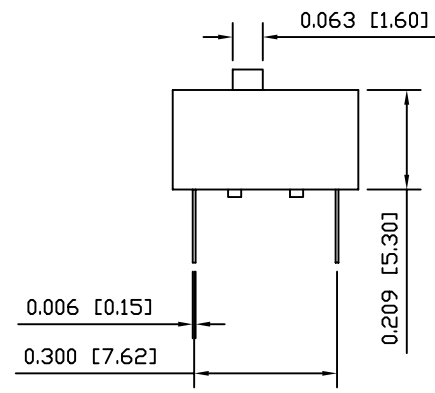
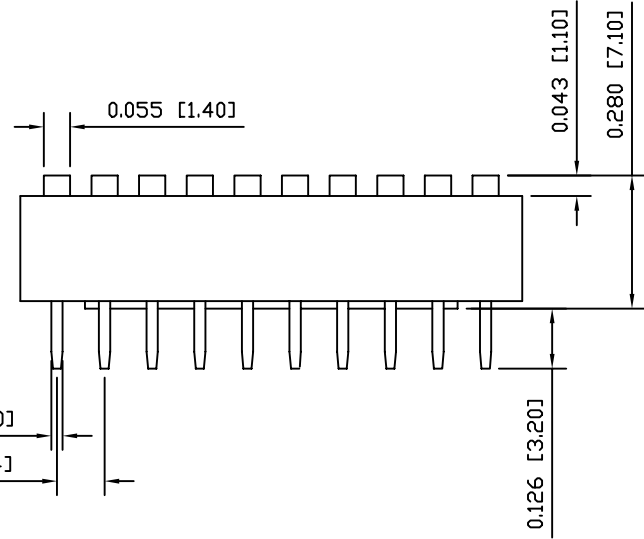
**CAPACITANCE:**  
5pF Max.

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

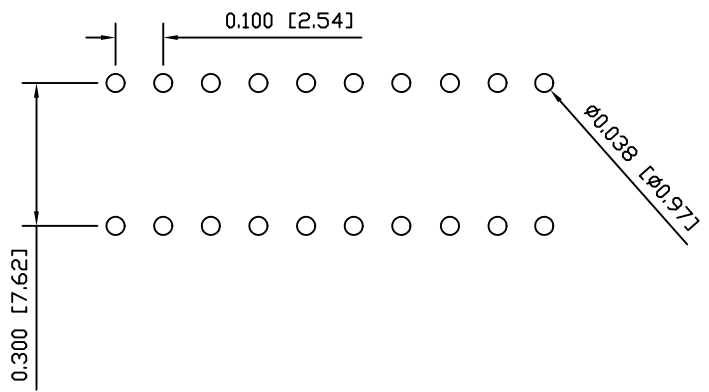
**VIBRATION RESISTANCE:**  
Mil-Std. 202F, Method 201A  
Frequency: 10-55-10Hz/1 Minute  
Direction: X, Y, Z  
Time: 2 Hours Each Direction  
High Reliability

**OPERATING FORCE:**  
1000gf

**TEMPERATURE:**  
Operating: -20°C to 70°C  
Storage: -40°C to 85°C



SUGGESTED PCB LAYOUT



MATERIALS

**BASE:**  
Polybutylene Terephthalate (PBT), UL94V-0

**COVER:**  
Polybutylene Terephthalate (PBT), UL94V-0

**ACTUATOR:**  
Polybutylene Terephthalate (PBT), UL94V-0

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

**POTTING:**  
Epoxy

**PACKAGING:**  
17 Pieces Per Tube

COLORS

**BODY:**  
Red

**ACTUATOR:**  
White

**MARKING COLOR:**  
White

**LAMB INDUSTRIES** P.O. Box 25110 Portland, OR 97228  
LAST REVISION: MAR. 29, 2004

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-LDS-10-R-T-B.dwg  
**LDS-10-R-T-B**