

**SPECIFICATIONS**

**FUNCTION:**  
6x1P1T OFF-ON

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

**CONTACT RESISTANCE:**  
Initial: 100mΩ Max. at 100mA  
After life: 2Ω Max. at 100mA

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

**DIELECTRIC STRENGTH:**  
300VAC For 1 Minute

**CAPACITANCE:**  
5pF Max. at 1MHz±10kHz

**ELECTRICAL LIFE:**  
1,000 Cycles per Switch at 25mA 24VDC

**OPERATING FORCE:**  
300gf

**SHOCK RESISTANCE:**  
Mil-Std. 202F, Method 213B Condition A  
Acceleration: 50G 11±1msec  
Direction: 6 Sides  
Times: 3 Each Direction

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

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

**APPROVALS:**

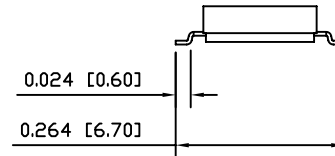
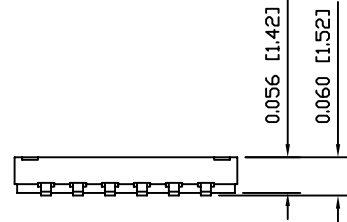
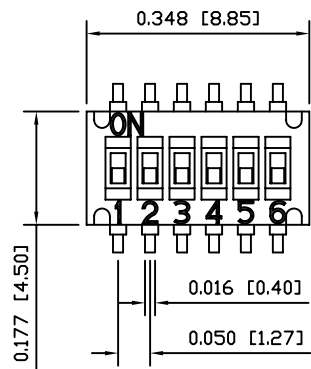
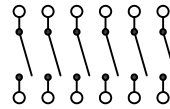


**PACKAGING**

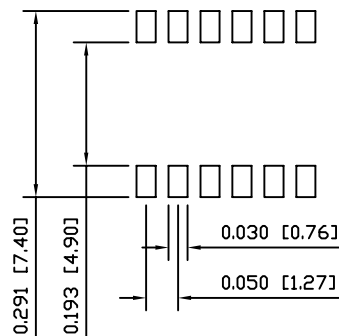
**PACKAGING TYPE:**  
Tube

**QUANTITY:**  
54 Pieces

**SCHEMATIC**



**SUGGESTED PCB LAYOUT**



**MATERIALS**

**BASE:**  
Glass Fiber Reinforced Polyamide (FR52), UL94V-0

**COVER:**  
Glass Fiber Reinforced Polyamide (FR52), UL94V-0

**ACTUATOR:**  
Liquid Crystal Polymer (LCP), UL94V-0

**CONTACTS:**  
Gold Over Nickel Plated Copper Alloy

**TERMINALS:**  
Gold Plated Brass

**TAPE SEAL:**  
Polyimide (PI)

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	

 P.O. Box 25110 Portland, OR 97298	LAST REVISION: OCT. 29, 2007
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**LDH-06-T-B**