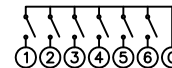


**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
6x1P1T OFF-ON

**RATINGS:**  
Switching: 10mA 5VDC  
Steady: 100mA 50VDC

**OPERATING FORCE:**  
800±50gf

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

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

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

**CAPACITANCE:**  
5pF Max.

**ELECTRICAL LIFE:**  
500 Cycles per Switch

**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

**TEMPERATURE:**  
Operating: -30°C to 80°C  
Storage: -30°C to 80°C

**APPROVALS:**

**RoHS LEAD FREE**  
COMPLIANT PROCESS COMPATIBLE

**PACKAGING**

**PACKAGING TYPE:**  
Tube

**TUBE QUANTITY:**  
27 Pieces

**MATERIALS**

**BASE:**  
Polybutylene Terephthalate (PBT), UL94 V-0

**COVER:**  
High-Temp Nylon, UL94 V-0

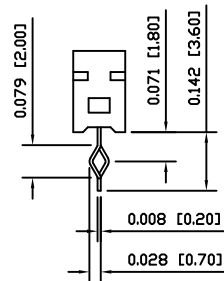
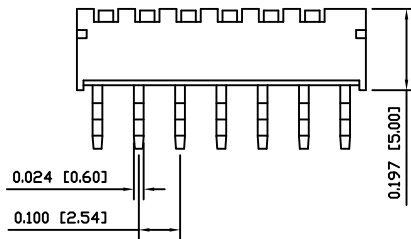
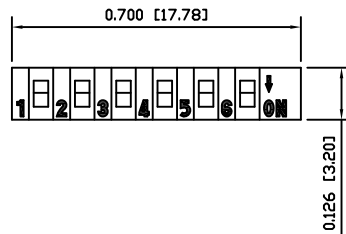
**ACTUATOR:**  
Liquid Crystal Polymer (LCP), UL94 V-0

**CONTACTS:**  
Gold Over Nickel Plated Copper Alloy (C5210R-EH)

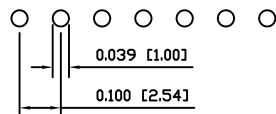
**TERMINALS:**  
Gold Over Nickel Plated Brass (C2680-H)  
Tin Plated at Terminal

DIMENSIONS	
INCHES	[MILLIMETERS]
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1'	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

	<b>E-SWITCH</b>		<b>LAMB INDUSTRIES</b>
<b>LDN-06-B</b>		<b>DRAWING NUMBER</b>	<b>DATE</b>
		06-LDN06B	SEPTEMBER 28, 2009
		<b>REVISION</b>	<b>BY</b>
		A	



**SUGGESTED PCB LAYOUT**



<b>BODY</b>	A	09/09/28	CAB
<b>MATERIALS</b>	A	09/09/28	CAB
<b>PACKAGING</b>	A	09/09/28	CAB
<b>SPECIFICATIONS</b>	A	09/09/28	CAB
<b>REFERENCE</b>	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

<b>INITIAL RELEASE</b>	PCRD0130	09/09/28	CAB
<b>DESCRIPTION</b>	PCR	DATE	DRAWN BY

# Mouser Electronics

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