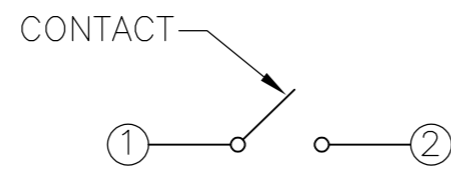
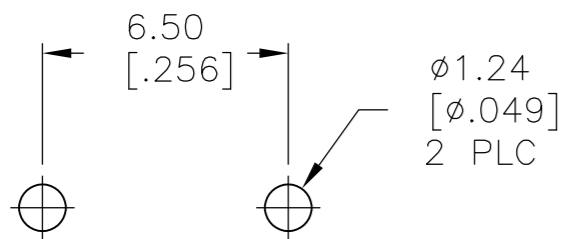
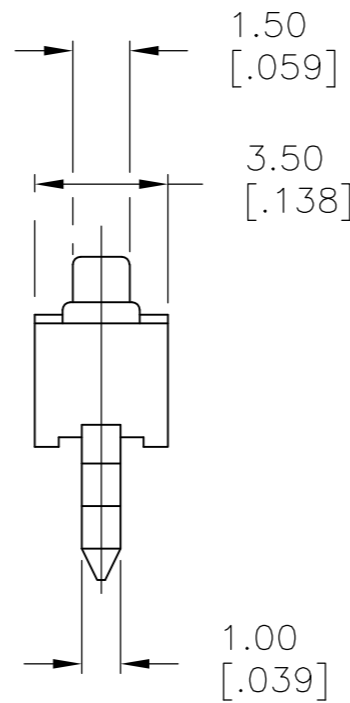
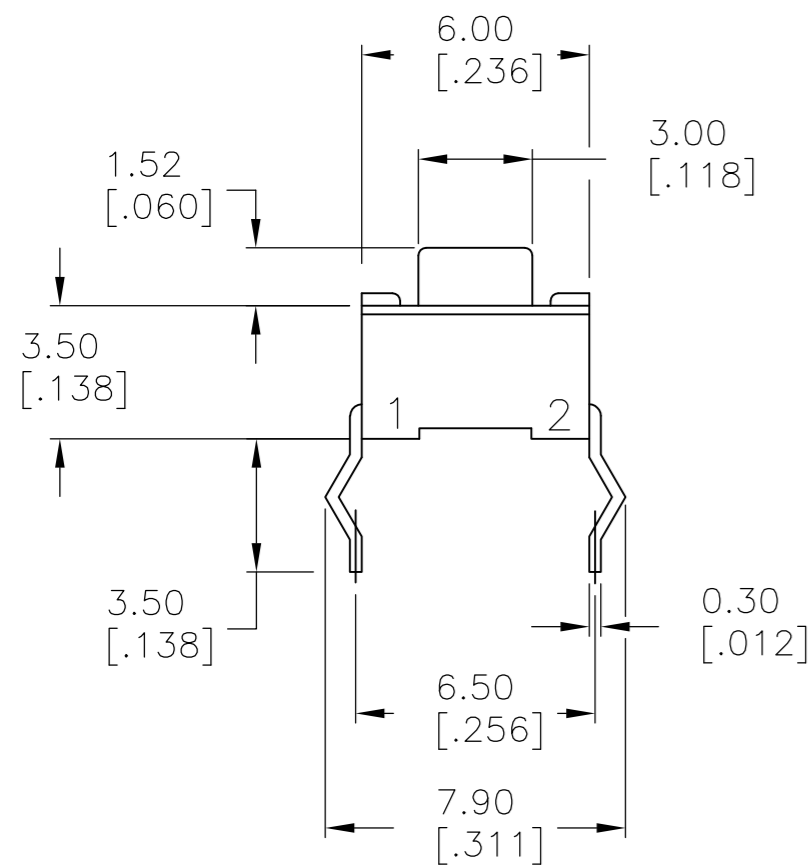
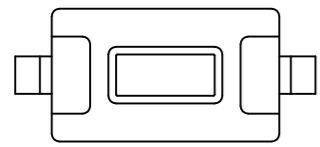


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
A1		REVISED PER ECO-11-005027		12MAR11	RK	HMR	



**SPECIFICATIONS:**

**Materials:**  
 Case, Nylon 66, UL94HB, Black finish  
 Cover, Stainless Steel  
 Actuator, PBT UL94HB, Natural  
 Moving contact, Copper Alloy, Silver finish  
 Fixed contact/Terminal, Copper Alloy, Silver over Nickel finish

**Electrical:**  
 Max Contact Rating, 50mA@ 24V DC, Per EIA-448, Method 6  
 Min Contact Rating, 10microamp@1V DC  
 Initial Contact resistance, 50 milliohms max, Per EIA-364-23B, each position  
 Insulation Resistance, 1000 Megohm min. Per EIA-364-21C each position  
 Dielectric strength, 500 V AC for 1 minute, Per EIA-364-20B, Condition 1, each position.  
 Life Expectancy, 100,000 cycles

**Mechanical:**  
 Actuation force, SEE P/N TABLE  
 Actuation Travel, .25 +.20/-.10 mm  
 Life Expectancy, 100,000 cycles min (2 cycles per second and 150% actuation force),  
 Per EIA-448 Methods 8 and 9  
 Vibration, Per EIA 364-28D, Condition VII, Level E  
 Mechanical Shock, Per EIA-364-27C, Condition A

**Environmental:**  
 Operating Temperature, -35 to +85 degrees C, Per EIA-448, Method 10  
 Storage Temperature, -35 to +85 degrees C  
 Humidity and Temperature Cycling Per EIA-364-31B, Method III  
 Thermal Shock, Per EIA-364-32C, -35 to +85 degrees C  
 Solderability, Per EIA-364-52, Class 2, Category 1, Temp, 245 degrees C max,  
 Time, 2.5 seconds max, 95% Minimum coverage  
 Resistance to Solder Heat, Per 109-202, Condition B  
 1. No change in initial electrical and mechanical characteristics

**RECOMMENDED HOLE LAYOUT**

TOLERANCE ±0.05[.002]  
 UNLESS OTHERWISE NOTED

**CIRCUIT DIAGRAM**

NOTE: TERMINAL NUMBERS  
 ARE FOR REFERENCE ONLY  
 AND DO NOT APPEAR ON  
 SWITCHES.

**NOTES:**

1. ALL MATERAILS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).

130±50GF	FSMH	1825965-1
ACTUATION FORCE	ALCO PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R BROWN	12FEB2007		TE Connectivity																						
DIMENSIONS: mm [INCHES]		CHK	M SARVER	12FEB2007		NAME																						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M SARVER	12FEB2007		TACT SWITCH, 3.5 x 6.0 x 5.0mm, HIGH TEMP, FSMH																						
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.30[.012]</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> <tr><td>FINISH</td><td>-</td><td>-</td></tr> </table>		0 PLC	±	-		1 PLC	±	-	2 PLC	±	0.30[.012]	3 PLC	±	-	4 PLC	±	-	ANGLES	±	-	FINISH	-	-	PRODUCT SPEC	-	SIZE	CAGE CODE	DRAWING NO
0 PLC	±	-																										
1 PLC	±	-																										
2 PLC	±	0.30[.012]																										
3 PLC	±	-																										
4 PLC	±	-																										
ANGLES	±	-																										
FINISH	-	-																										
MATERIAL SEE SPECIFICATIONS		WEIGHT	-	A2	00779	C=1825965	-																					
		CUSTOMER DRAWING		SCALE	5:1	SHEET	1 of 1																					
				REV	A1																							