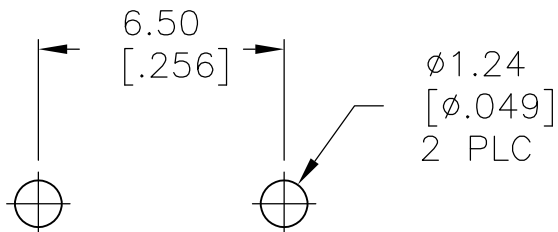
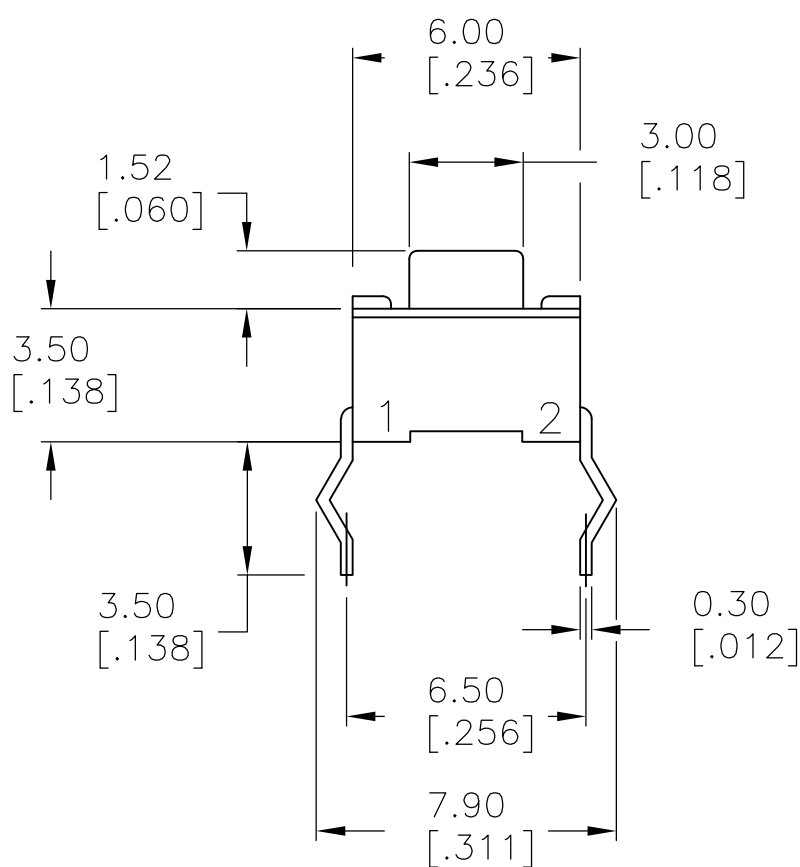
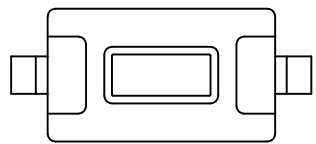


D

C

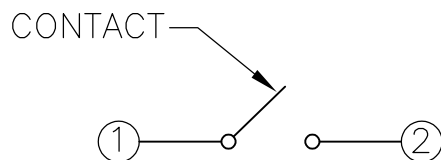
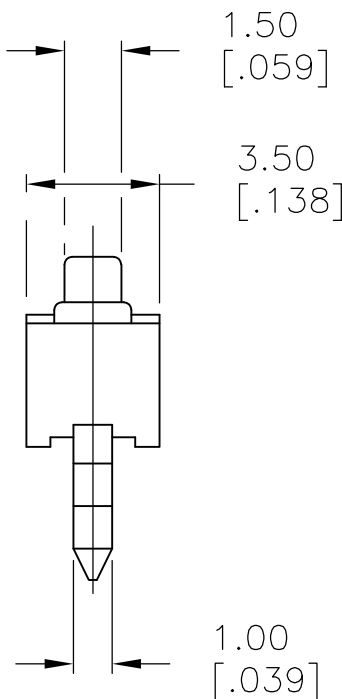
B

A



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.

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

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 TACT SWITCH, 3.5 x 6.0 x 5.0mm, HIGH TEMP, FSMH		
DIMENSIONS: mm [INCHES]		CHK M SARVER 12FEB2007			
		APVD M SARVER 12FEB2007			
		PRODUCT SPEC			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	NAME		
0 PLC ± -		—	SIZE	CAGE CODE	DRAWING NO
1 PLC ± -		—	A2	00779	C=1825965
2 PLC ± 0.30[.012]		—	RESTRICTED TO		
3 PLC ± -		—	—		
4 PLC ± -		—	—		
ANGLES ± -		WEIGHT	—		
FINISH		CUSTOMER DRAWING	—		
SEE SPECIFICATIONS		—	—		
		SCALE	5:1	SHEET	1 OF 1
		REV	A1		