

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	OO		A	ECO-07-001263	13FEB2007	RB	MS

SPECIFICATIONS:

Materials:
Case, Nylon 66, UL94HB, Natural finish
Cover, Stainless Steel
Actuator, PBT UL94HB, Black
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

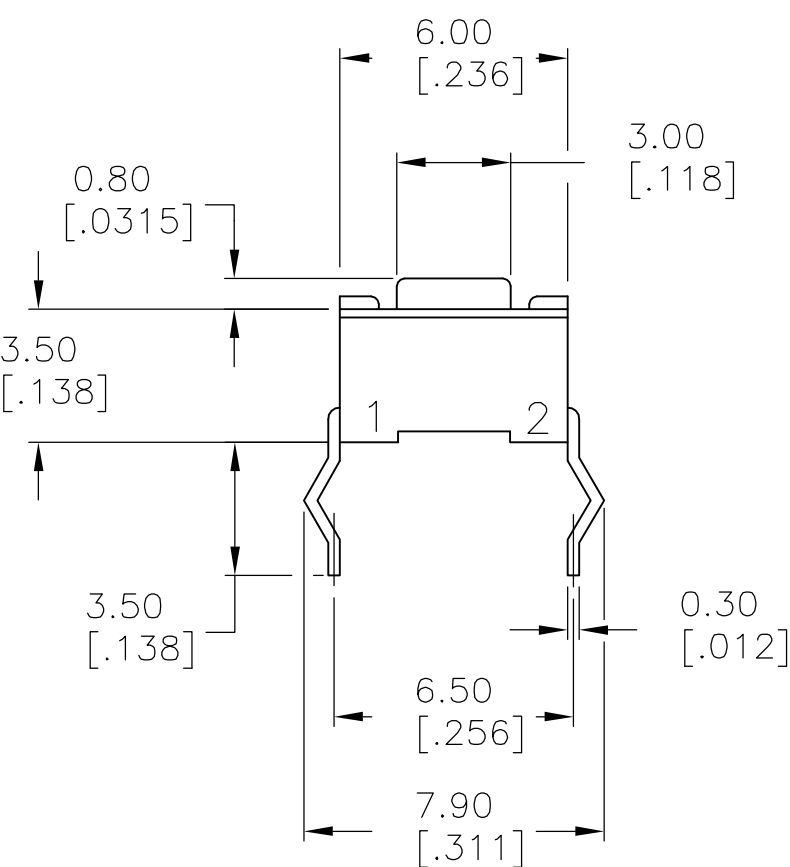
Environmental:
Operating Temperature, -35 to +85 degrees C, Per EIA-448, Method 10
Storage Temperature, -35 to +85 degrees C
Humidity and Temperature Cycling Per EIA-364-31B, Method III
Thermal Shock, Per EIA-364-32C, -35 to +85 degrees C
Solderability, Per EIA-364-52, Class 2, Category 1, Temp, 245 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:

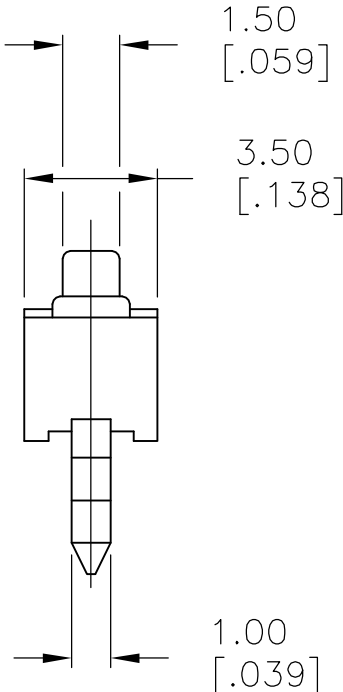
1. ALL MATERAILS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).

100,000	130±50gf	FSMCH	1825966-1
LIFE CYCLE	ACTUATION FORCE	ALCO PART NUMBER	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN R BROWN 13FEB2007		tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608											
DIMENSIONS: mm [INCHES]			CHK M SARVER 13FEB2007													
			TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 13FEB2007		NAME									
			0 PLC ± -		PRODUCT SPEC		TACT SWITCH, 3.5 x 6.0 x 4.3 mm, HIGH TEMP, FSMCH									
			1 PLC ± -		—											
			2 PLC ± 0.30[.012]		—											
			3 PLC ± -		APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
			4 PLC ± -		—		A2		00779		C=1825966		—			
			ANGLES ± -													
MATERIAL SEE SPECIFICATIONS			FINISH SEE SPECIFICATIONS		WEIGHT —											
CUSTOMER DRAWING							SCALE		5:1		SHEET		1 of 1		REV A	



P.C. HOLE LAYOUT
TOLERANCE ±.002,
UNLESS OTHERWISE NOTED



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