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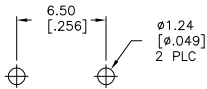
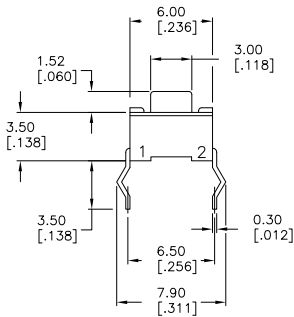
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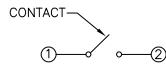
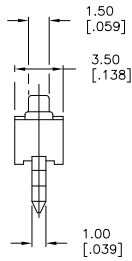
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LOC	DIST	REVISIONS		
F	LTR	DESCRIPTION	DATE	BY
AD	OO	A	ECO-07-001263	12FEB2007 RB MS



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:

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN R. BROWN 12FEB2007	Tyco Electronics Corporation	
DIMENSIONS mm [INCHES]		CHK M. SARVER 12FEB2007	Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP M. SARVER 12FEB2007	TACT SWITCH, 3.5 x 6.0 x 5.0mm, HIGH TEMP, FSMH	
0 PLC ± .010	1 PLC ± .012	PRODUCT SPEC	SIZE A2	CAGE CODE 00779
2 PLC ± .015	3 PLC ± .020	APPLICATION SPEC	DRAWING NO C=1825965	RESTRICTED TO
4 PLC ± .030	ANGLES ± .5	WEIGHT	SCALE 5:1	SHEET 1 of 1
MATERIAL SEE SPECIFICATIONS	FINISH	CUSTOMER DRAWING	REV A	

AMP 1471-9 REV 31MM2000

1825965

A