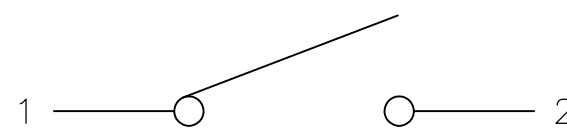
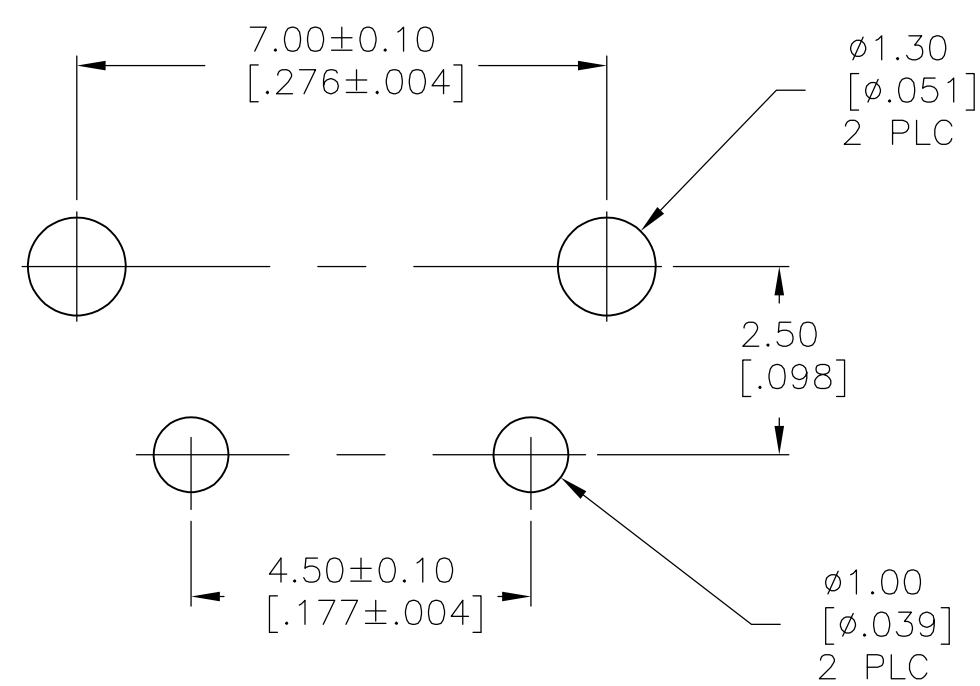
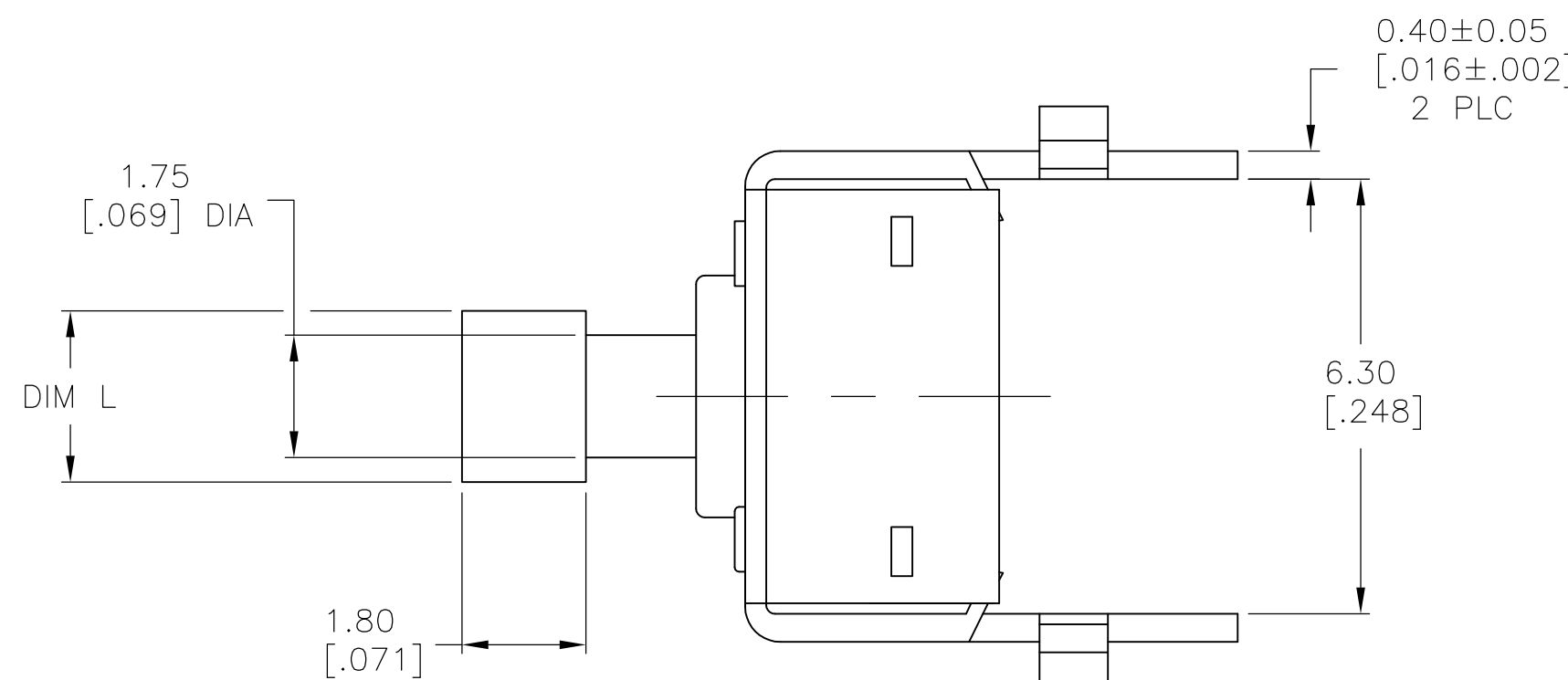
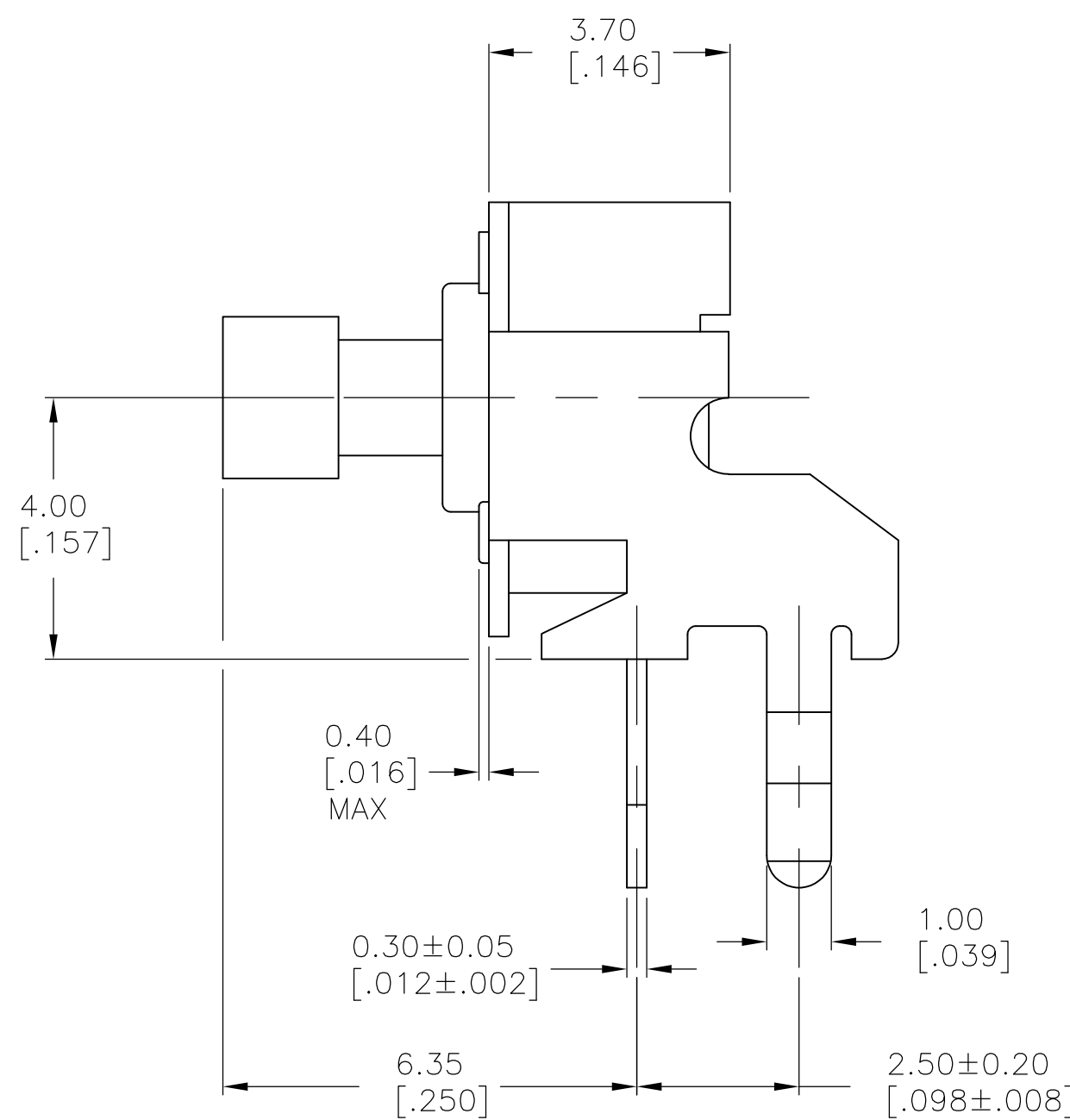
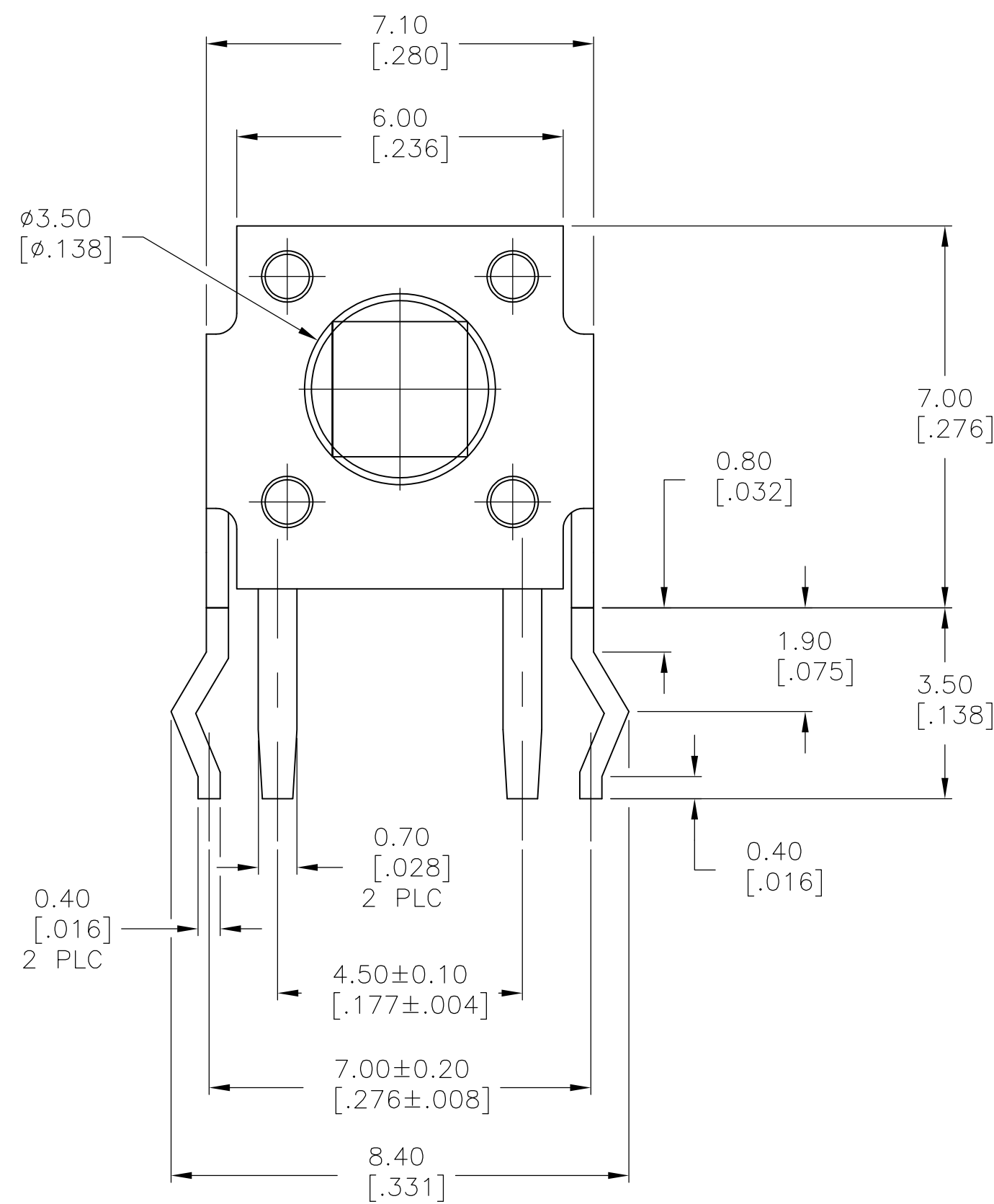


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REVISED PER ECO-17-002272	21JUN2017	SK	AS



CIRCUIT DIAGRAM

RECOMMENDED HOLE LAYOUT

TOLERANCE $\pm .002$ UNLESS
OTHERWISE NOTED

SPECIFICATIONS:

Materials:

Case, Nylon 66, UL94HB, Black finish
Bracket, Stainless Steel
Actuator, Nylon 66, UL94HB, see P/N table for finish
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 +/- .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


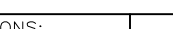
Environmental:

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).

	2.80[.110]	YELLOW	260±50 GF	FSMRACDAAH	1825968-3
	2.80[.110]	BLACK	160±50 GF	FSMRACDAH	1825968-2
OBsolete	2.40[.094]	BLUE	160±50 GF	FSMRACDH	1825968-1
	DIM L	ACTUATOR BUTTON COLOR	ACTUATION FORCE	ALCO PART NO.	TYCO PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 13FEB2007 CHK M SARVER 13FEB2007 M SARVER 13FEB2007		 TE Connectivity	
DIMENSIONS: mm [INCHES] 		TOLERANCES: UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± 0.30[.012] 3 PLC ± — 4 PLC ± — ANGLES ± —		NAME TACT SWITCH, R/A, SQUARE ACTUATOR, 6.0 mm, HIGH TEMP, FMSRACD	
MATERIAL —		PRODUCT SPEC — APPLICATION SPEC —		SIZE CAGE CODE DRAWING NO A1 00779 C 1825968	
FINISH —		WEIGHT 0.000000		RESTRICTED TO —	
		CUSTOMER DRAWING		SCALE 10:1 SHEET 1 of 1 REV B	

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