

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DM	APVD		
B		REVISED PER ECO-11-001829	31JAN11	HMR	MW		

SPECIFICATIONS:

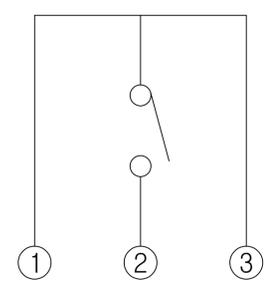
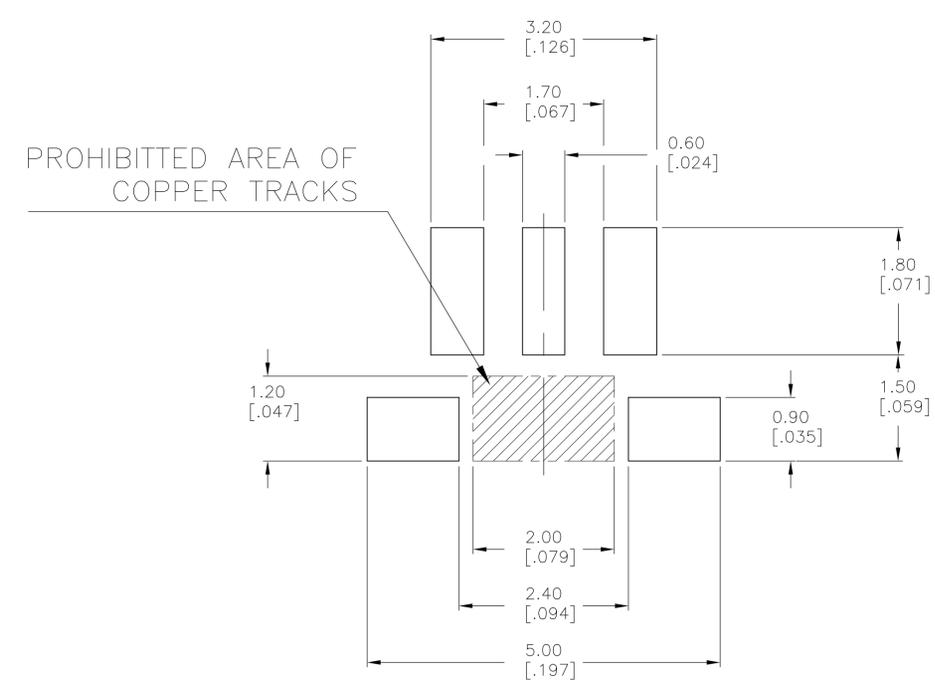
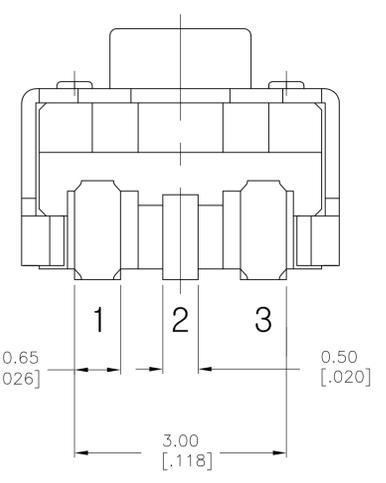
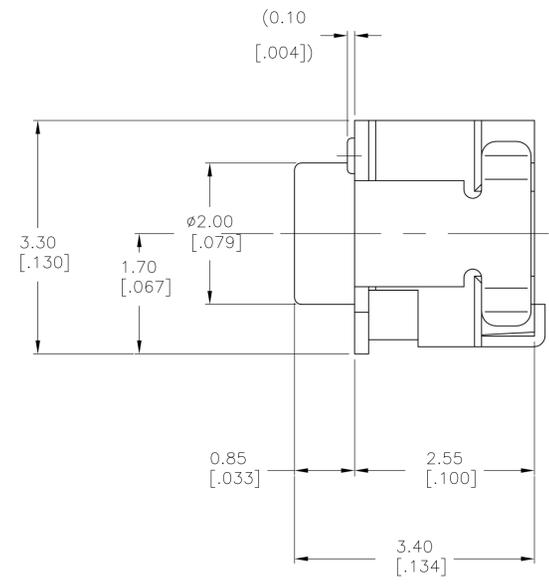
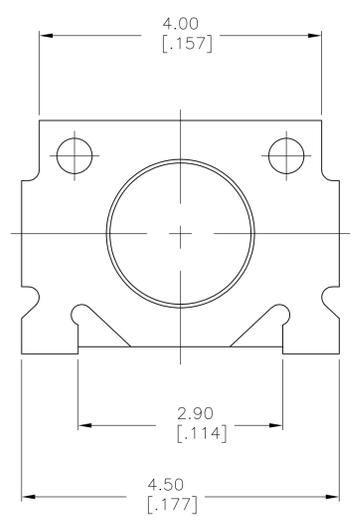
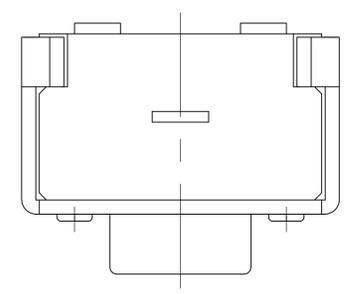
MATERIALS: CASE, PPA UL94V-0, BLACK FINISH  
 ACTUATOR, PPA UL94HB, IVORY FINISH  
 BRACKET, STEEL, TIN FINISH  
 MOVING CONTACT, STAINLESS STEEL, SILVER FINISH  
 FIXED CONTACT/TERMINAL, COPPER ALLOY, SILVER OVER NICKEL FINISH

ELECTRICAL:  
 MAX CONTACT RATING, 50MA@ 12VDC  
 MIN CONTACT RATING, 10MICROAMP@1V DC  
 INITIAL CONTACT RESISTANCE, 500 MILLIOHMS MAX  
 INSULATION RESISTANCE, 100 MEGOHM MIN  
 DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE  
 CONTACT BOUNCE, LESS THAN 10 MILLISECOND  
 LIFE EXPECTANCY, 100,000 CYCLES

MECHANICAL:  
 ACTUATION FORCE, 160 +/-50GF  
 ACTUATION TRAVEL, .20 +/- .10 MM  
 LIFE EXPECTANCY, 100,000 CYCLES MIN

ENVIRONMENTAL:  
 OPERATING TEMPERATURE, -35 TO +85 DEGREES C  
 STORAGE TEMPERATURE, -35 TO +85 DEGREES C  
 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 109-201, CONDITION B  
 1.NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

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



CIRCUIT DIAGRAM

1977067-1  
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN M. BINNER	08MAR2007	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	
		0. PLC ± -		PRODUCT SPEC	
		1. PLC ± -		APPLICATION SPEC	
		2. PLC ± 0.30[.012]		RESTRICTED TO	
		3. PLC ± -		SIZE CAGE CODE DRAWING NO	
		4. PLC ± -		WEIGHT	
		ANGLES ± -		A1 00779 C=1977067	
MATERIAL		FINISH	WEIGHT	CUSTOMER DRAWING	
				SCALE 20:1 SHEET 1 OF 1 REV B	

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