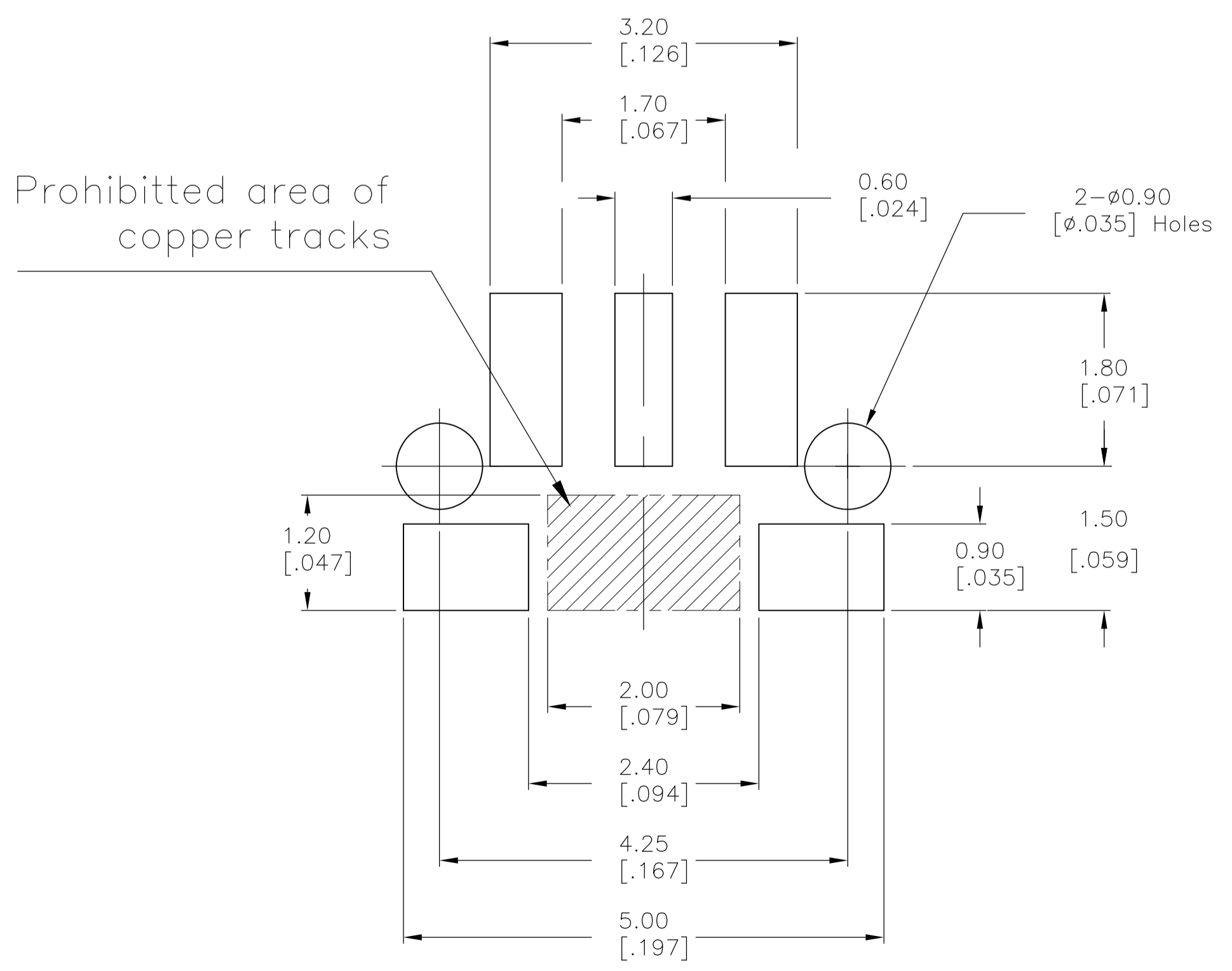
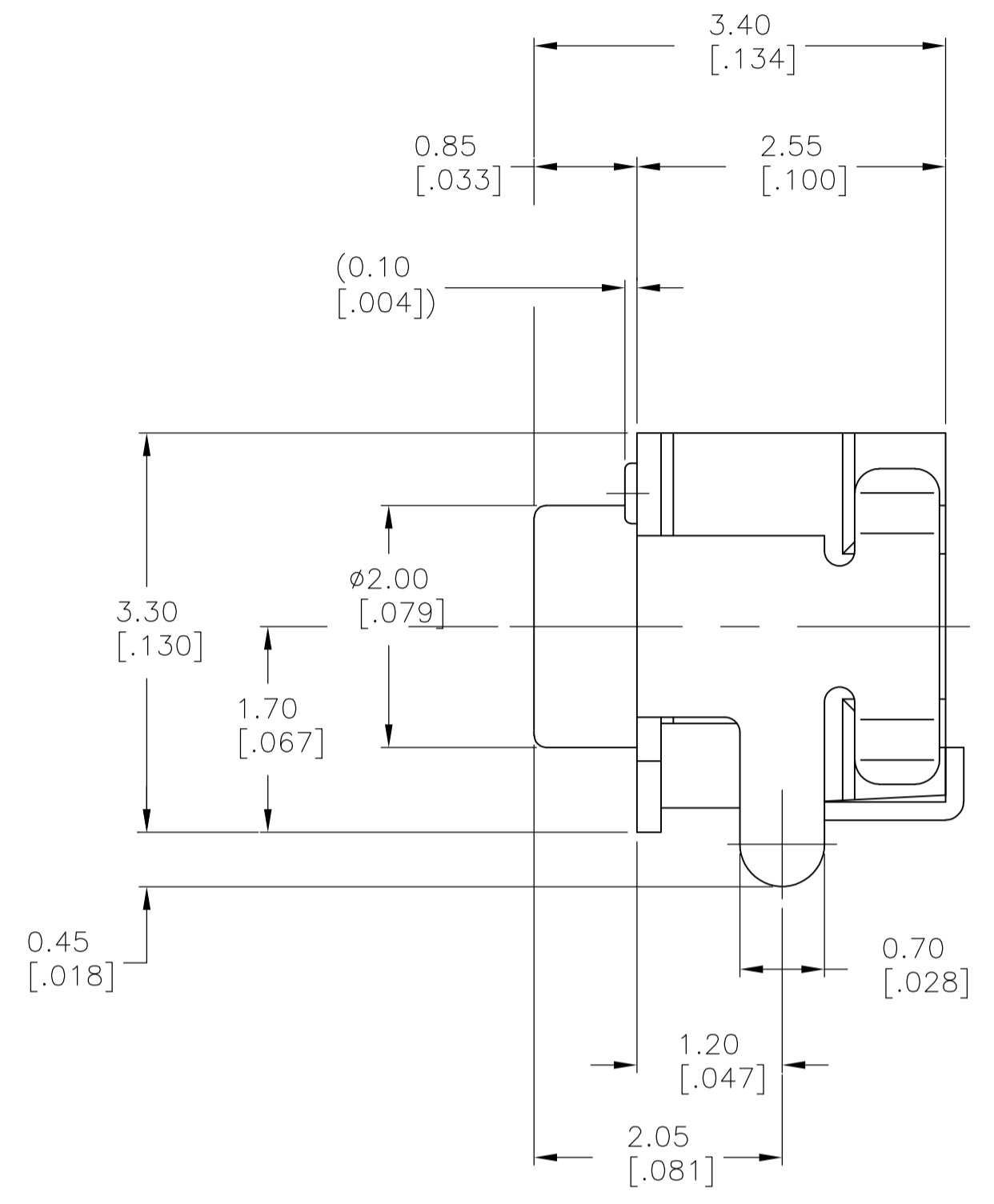
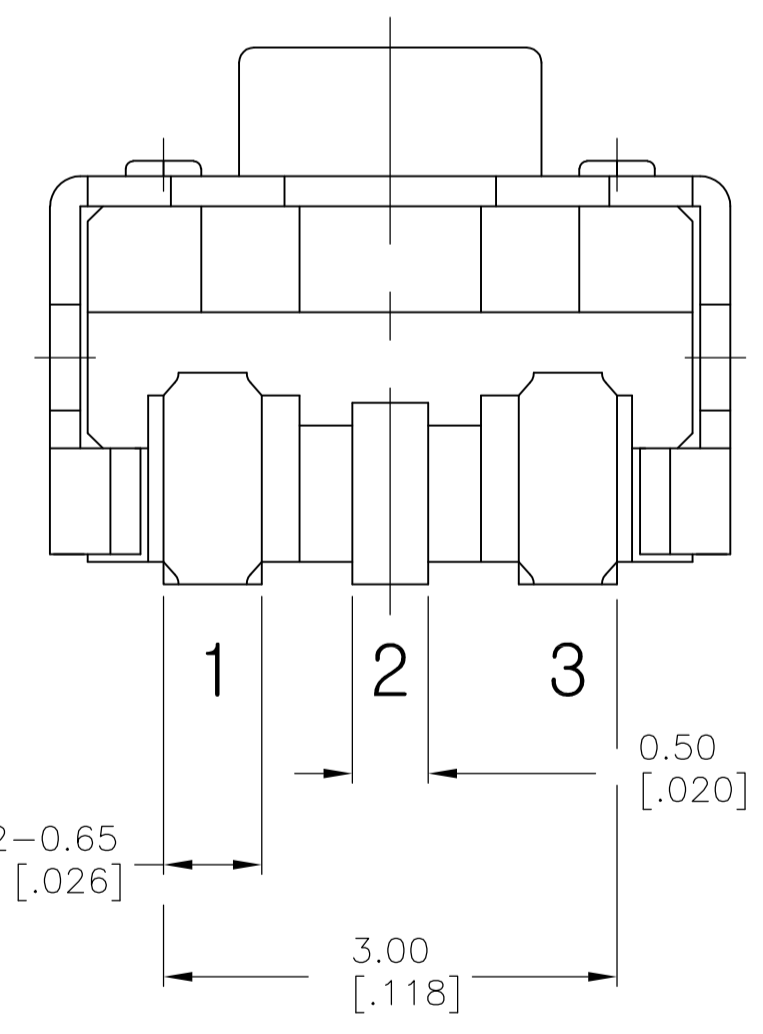
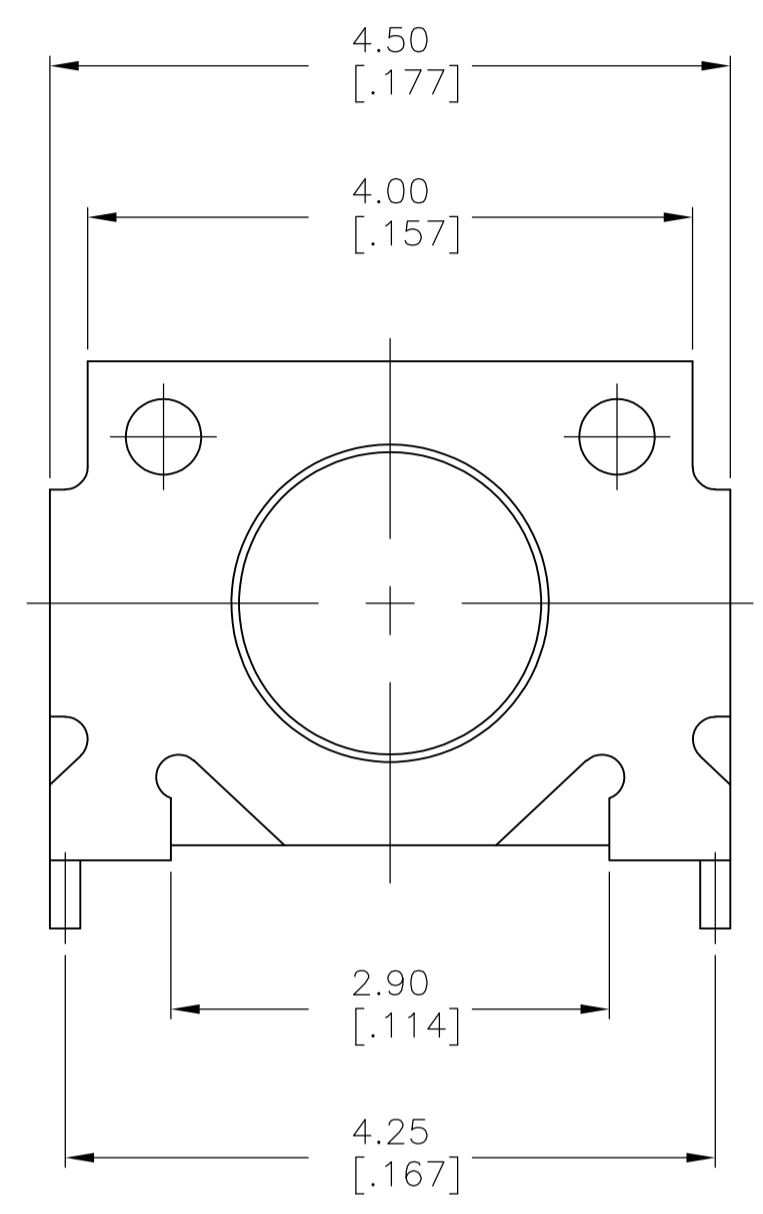
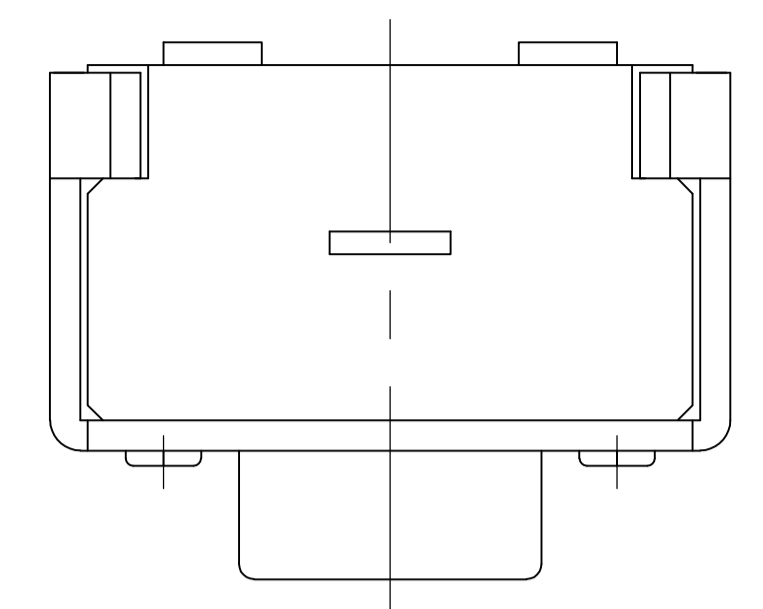


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
A		ECO-07-022296	25SEP07	MB	MS		



P.C.B MOUNTING SOLDER LAND DIMENSION

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

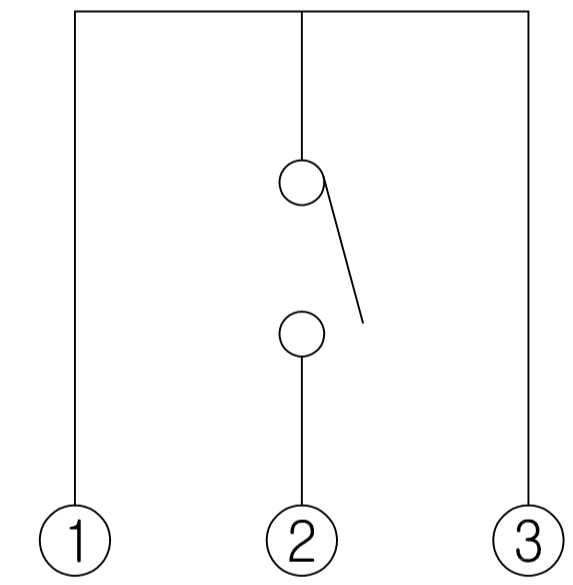
ELECTRICAL:  
 MAX CONTACT RATING, 50MA@ 24V DC  
 MIN CONTACT RATING, 10MICROAMP@1V DC  
 INITIAL CONTACT RESISTANCE, 500 MILLIOHMS MAX  
 INSULATION RESISTANCE, 100 MEGOHM MIN  
 DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE  
 CONTACT BOUNCE, LESS THAN 10 MILLISECOND  
 LIFE EXPECTANCY, 100,000 CYCLES

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

NOTES:

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



CIRCUIT DIAGRAM

1977066-1  
 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:	0. PLC ± -	1. PLC ± -	2. PLC ± 0.30[.012]	3. PLC ± -	4. PLC ANGLES ± -
MATERIAL		FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				A1	00779	1977066	
CUSTOMER DRAWING		SCALE	20:1	SHEET	1	OF 1	REV
							A