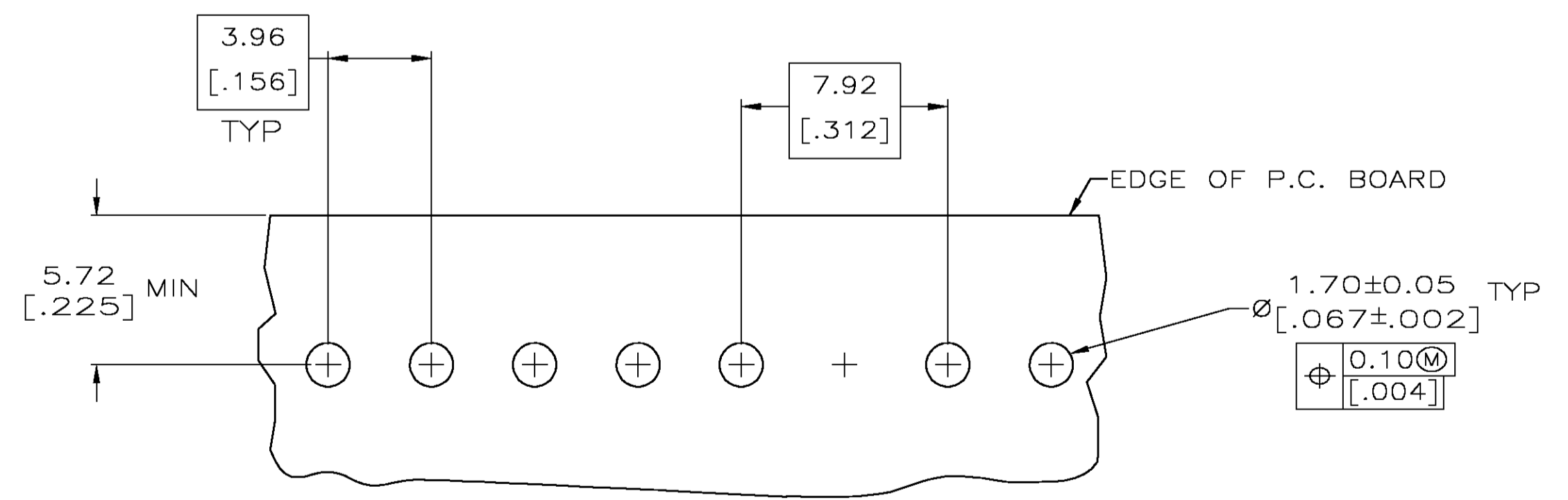
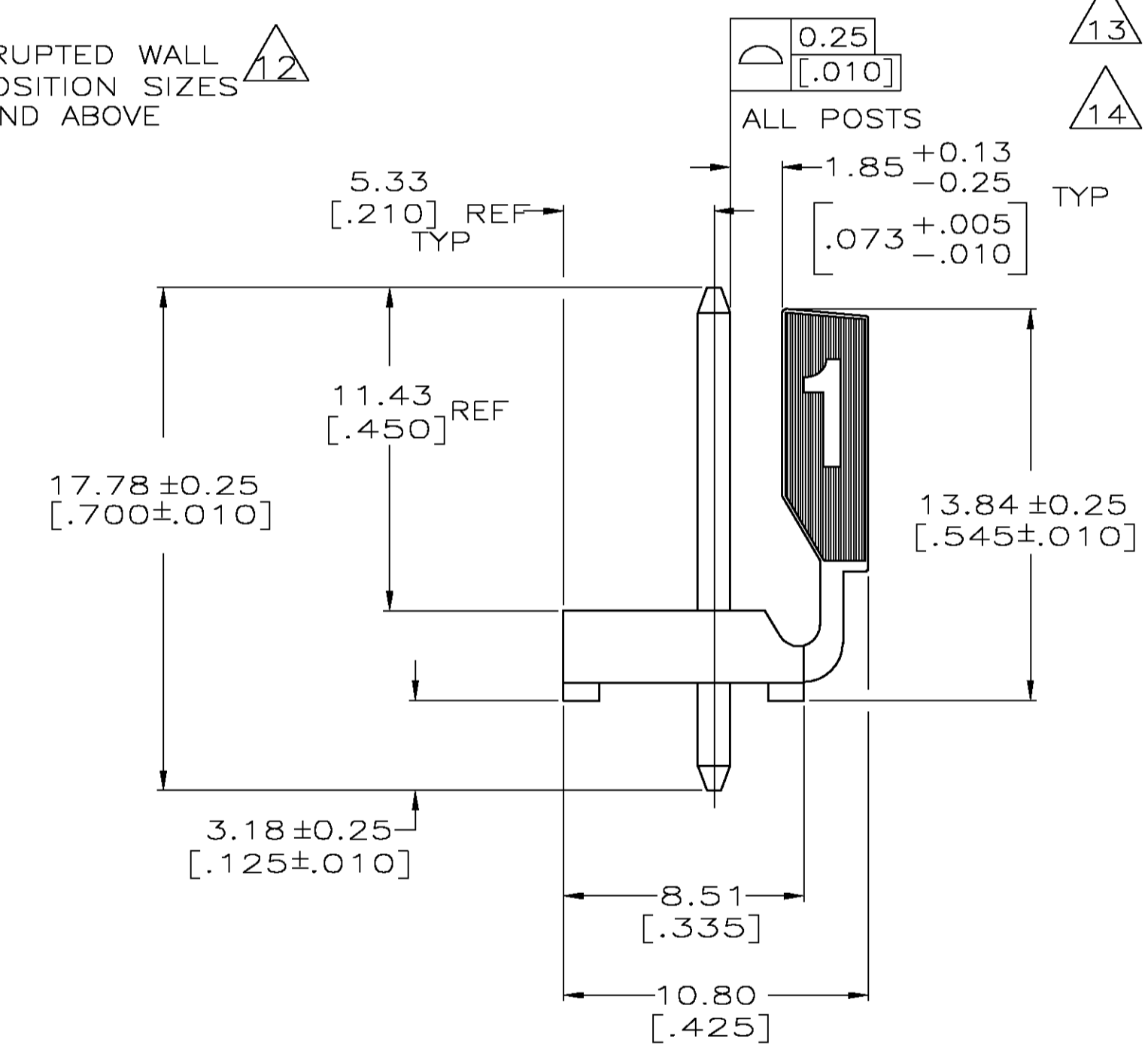
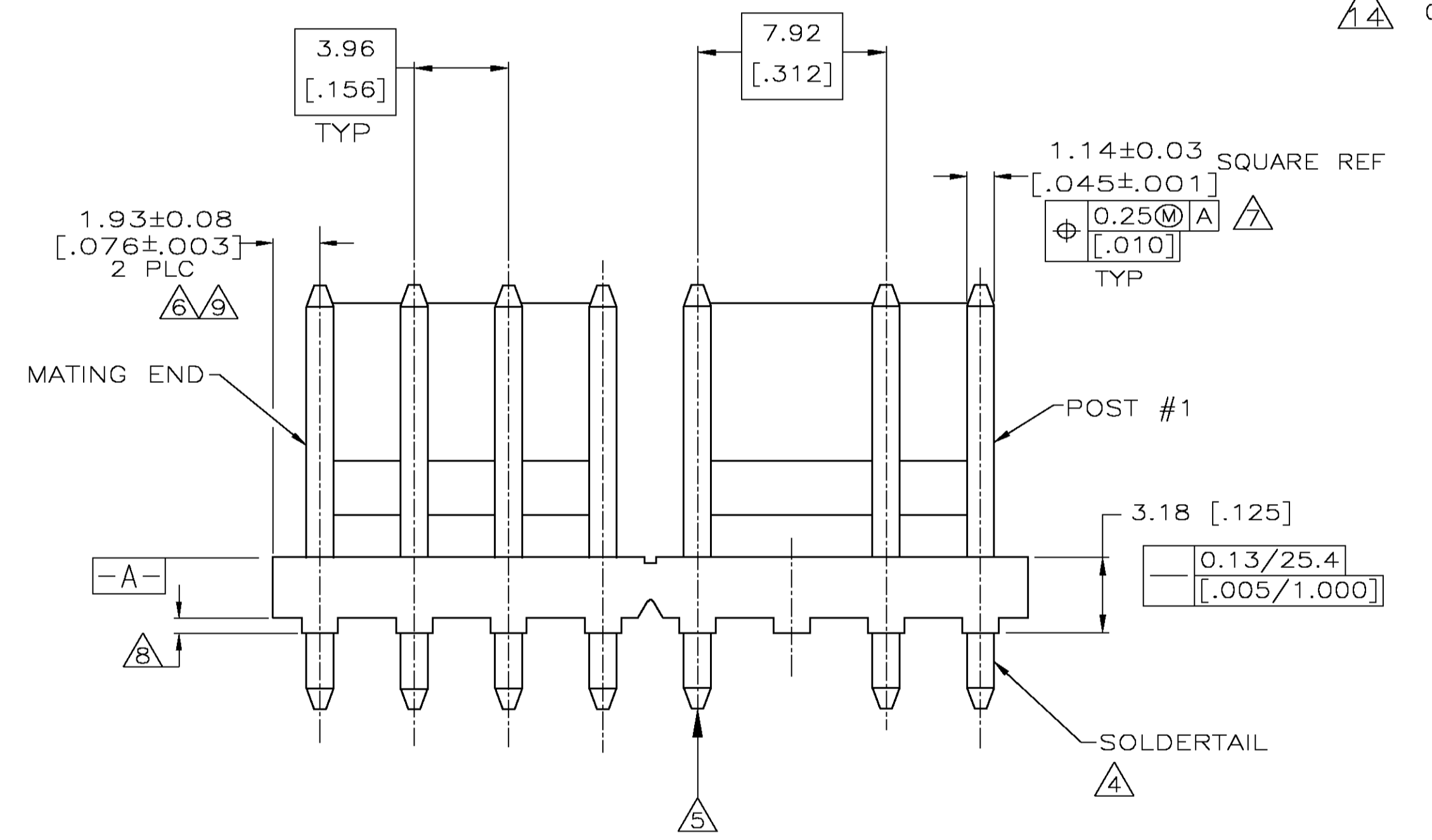
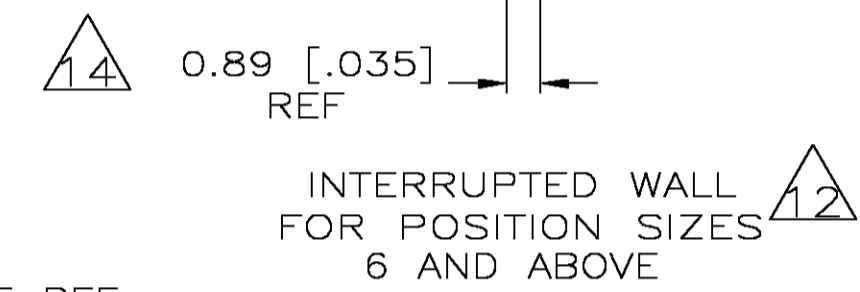
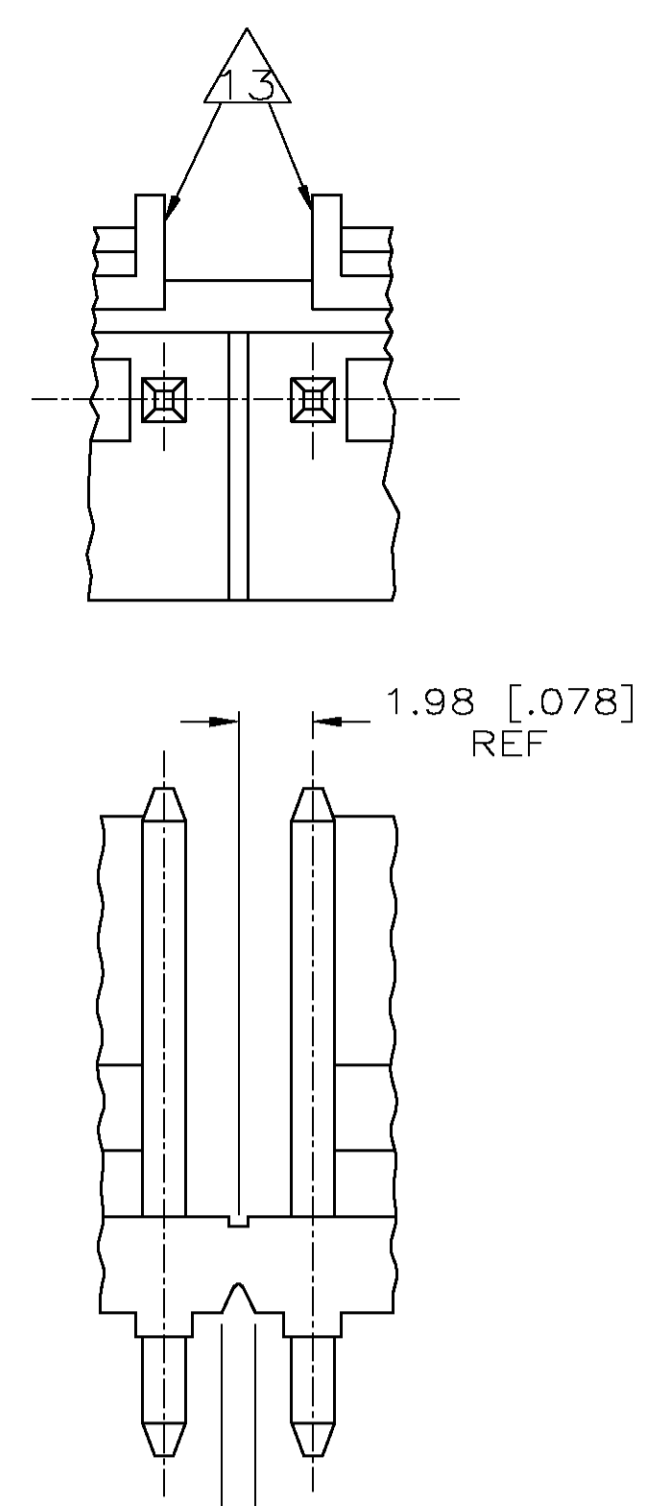
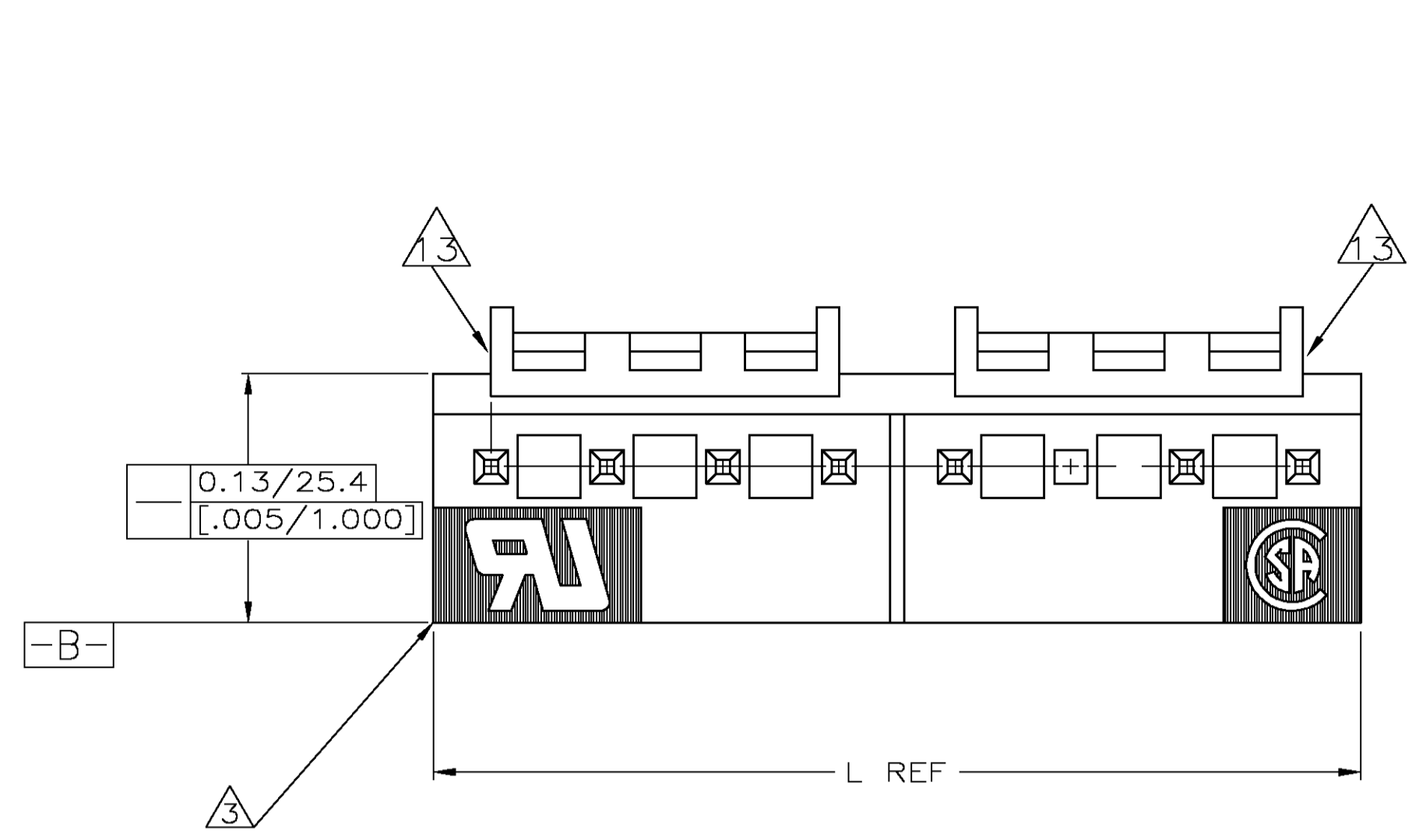


LOC		DIST		REVISIONS			
P	LR	DATE	OWN	APVD	DESCRIPTION	DATE	OWN
F		22-OCT-04	SH	DB	REVISION PER EC 0G3B-0764-04		



- 1 MATERIAL
 HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, DR-48. UL94V-0.
 POST: COPPER ALLOY
- 2 FINISH
 HOUSING: BLACK
 POST: BRIGHT TIN-LEAD (93/7) 0.00380 [.000150]-
 0.00880 [.000350] THICK OVER NICKEL UNDERPLATE 0.00130
 [.000050] MINIMUM THICK OR MATTE TIN PLATE 0.00380
 [.000150] THICK OVER NICKEL UNDERPLATE 0.00130 [.000050]
 MINIMUM THICK IF LEAD FREE.
- 3 UL MARKING MAY NOT APPEAR ON THE 3 POSITION SIZE.
- 4 POST SOLDER TAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 5 POST WITHSTANDS 13.34N (3 LB) MIN AXIAL FORCE IN EITHER
 DIRECTION WITHOUT DISLODGING.
- 6 APPLIES AT -A-.
- 7 APPLIES WHEN THE HEADER IS STRAIGHT.
- 8 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.
- 9 COORDINATE DIMENSIONS APPLIES FROM THE CENTER
 OF THE ACTUAL FEATURE.
- 10 SOLDER SIDE OF BOARD IS SHOWN.
- 11 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 12 ALL POSITION SIZES HAVE THE BACK WALL NOTCHED
 ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES
 HAVE SOLID BACK WALLS. POSITION SIZES 6 AND ABOVE HAVE AN
 INTERRUPTED BACK WALL AT VARIOUS LOCATIONS (SEE TABLE
 FOR INTERRUPTION(S) LOCATIONS).
- 13 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST
 WITHIN ±0.13 [.005].
- 14 NOTCH SHOWN MAY OR MAY NOT APPEAR.

YES	4 & 5	31.57	[1.243]	8	3-647181-8
YES	3 & 4	23.65	[.931]	6	3-647181-6
YES	NONE	15.72	[.619]	4	3-647181-4
NO	4 & 5	31.57	[1.243]	8	647181-8
NO	3 & 4	23.65	[.931]	6	647181-6
NO	NONE	15.72	[.619]	4	647181-4
LEAD FREE	BACK WALL INTERRUPTIONS BETWEEN POSTS	mm	[IN]	NO OF POSITIONS	PART NUMBER

RECOMMENDED MOUNTING HOLE PATTERN
 FOR 1.57 [.062] THICK P.C. BOARD

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWG S. HOOVER 22-OCT-2004	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ±	1 PLC ±	CHK D. BOSSI 22-OCT-2004	APVD D. BOSSI 22-OCT-2004	NAME ASSEMBLY- MTA .156 HEADER, POLARIZED LOCK, STR .045 SQUARE POST, TIN OR TIN-LEAD PLATED, OMITTED POST #3, SPECIAL
2 PLC ±	3 PLC ± 0.13 [.005]	APPLICATION SPEC	SIZE A1	CAGE CODE C=647181
4 PLC ±	ANGLES ±	FINISH	WEIGHT	RESTRICTED TO
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 1