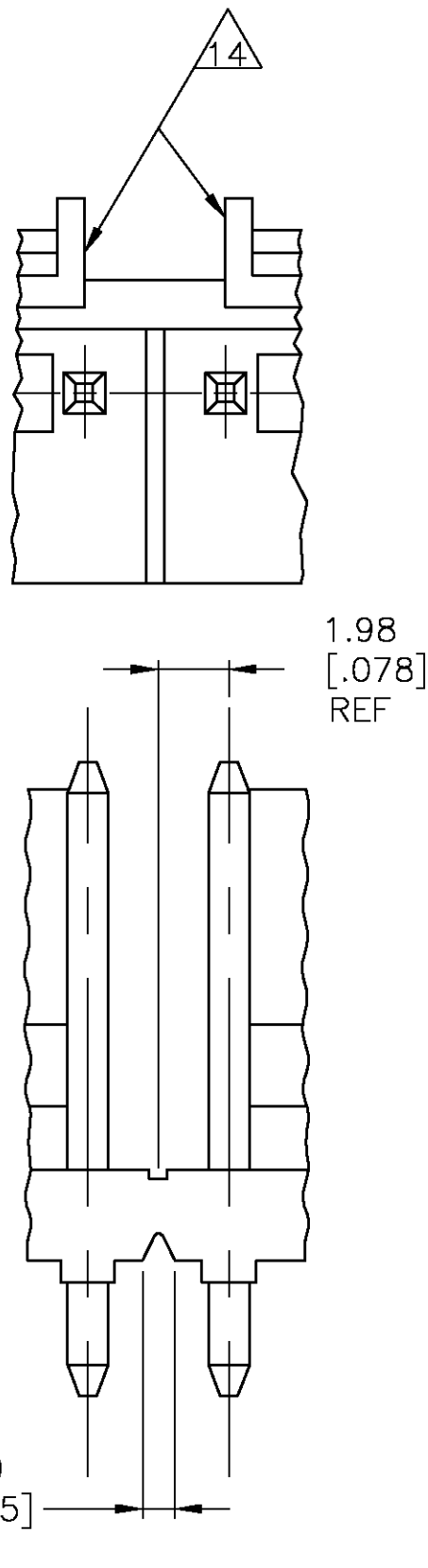
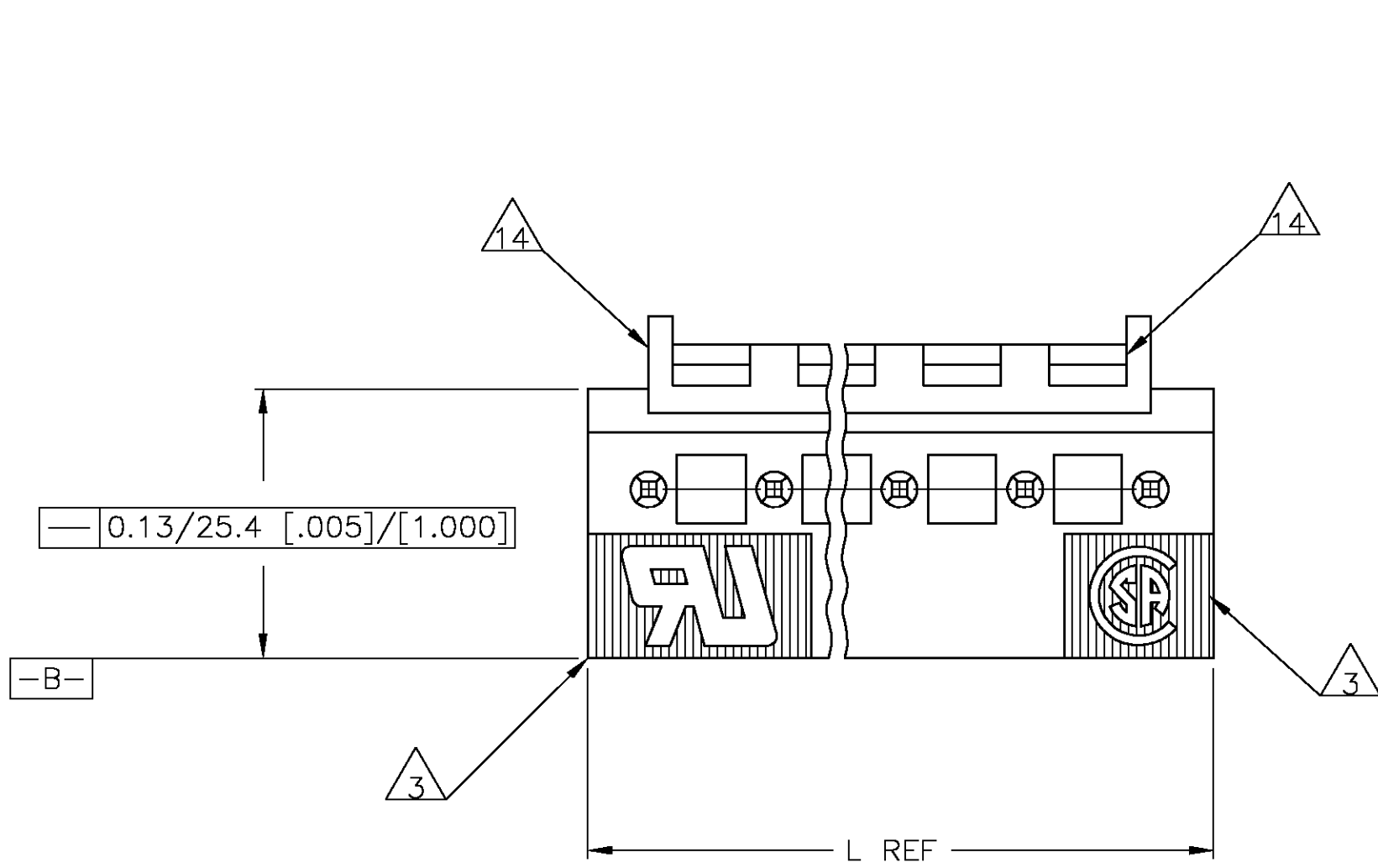


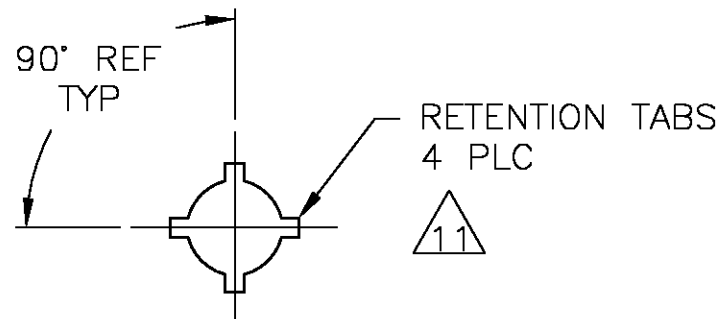
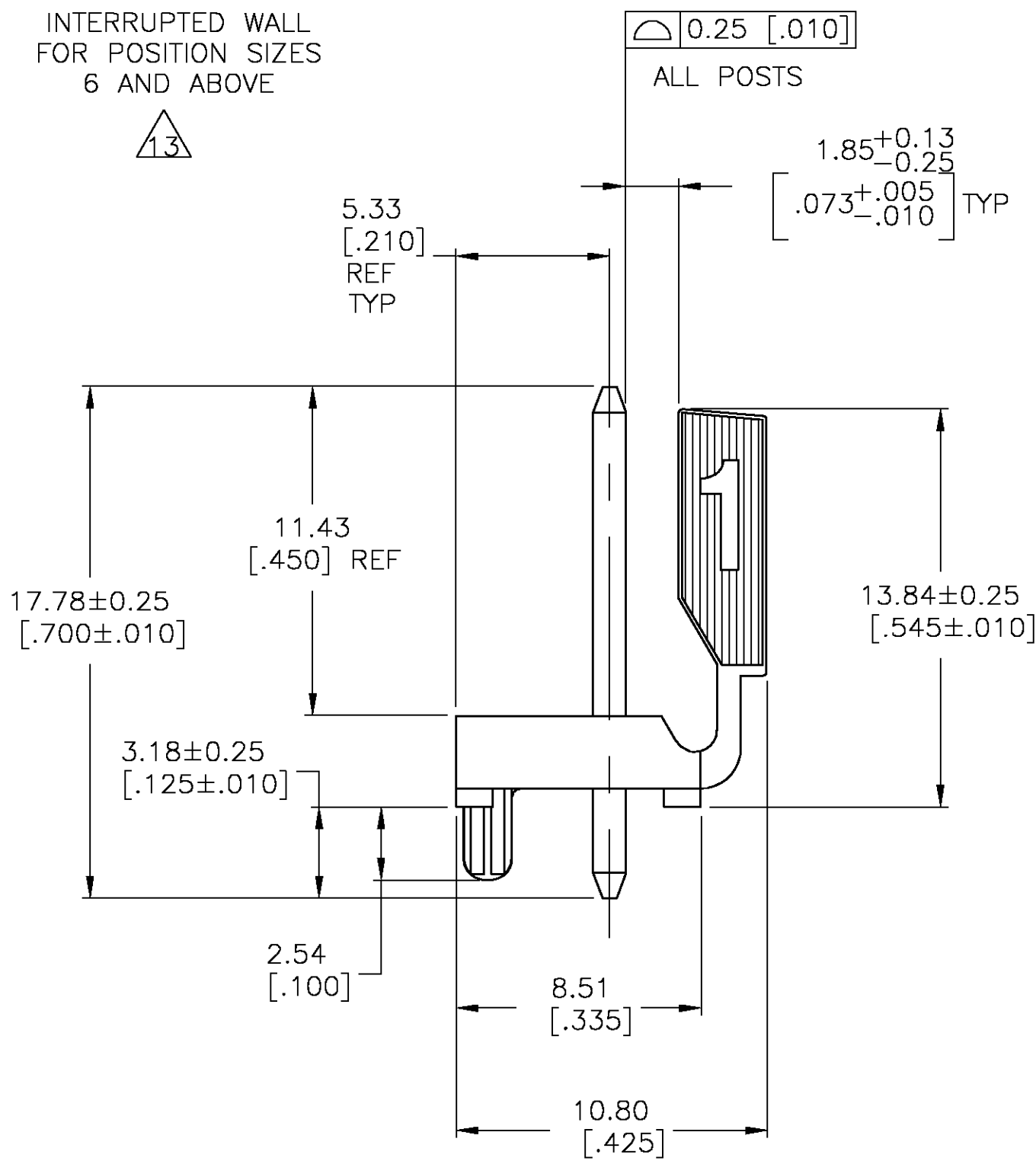
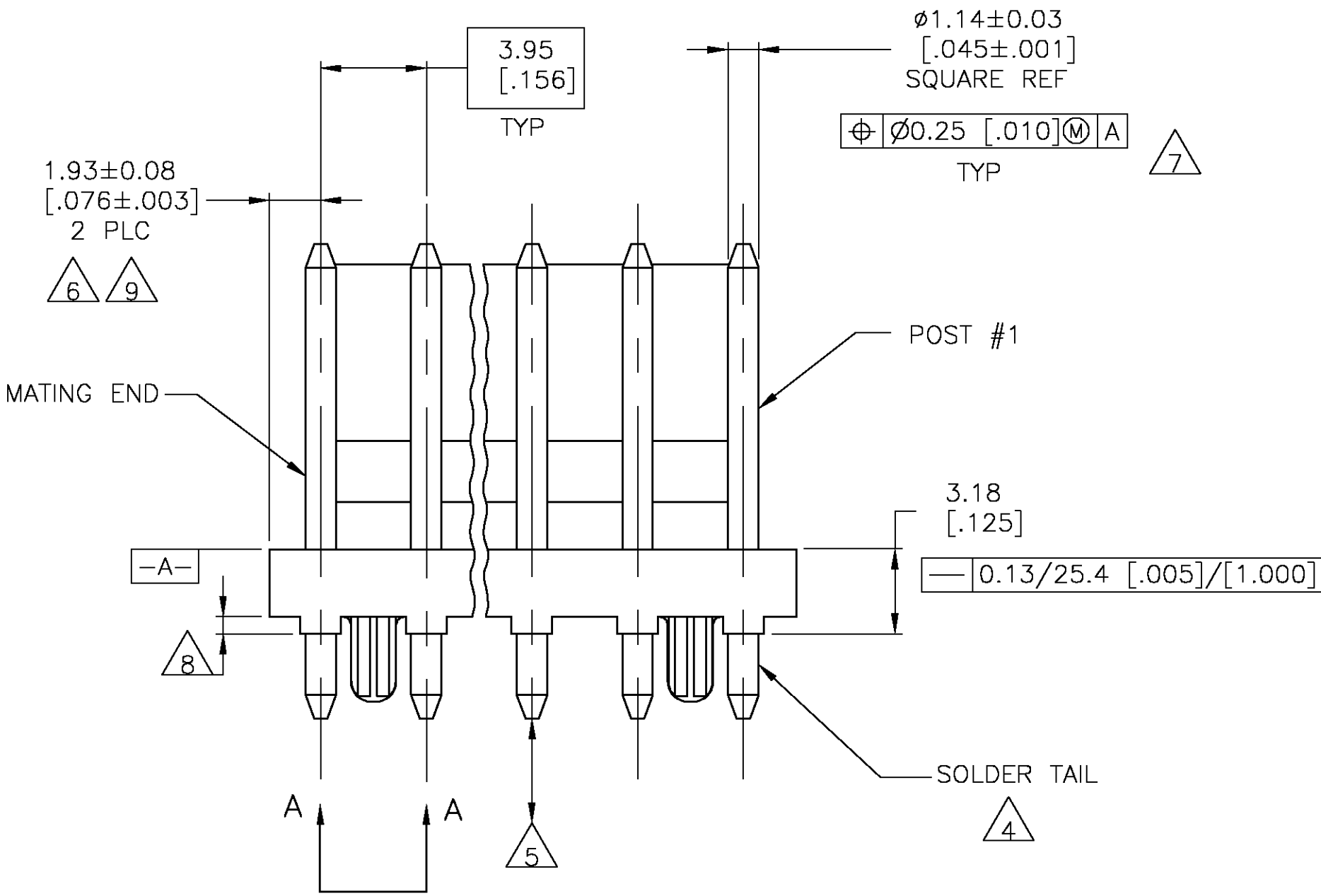
LOC		DIST		REVISIONS					
CM		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
			D	EC 063B 0789 04			06 JUN 05	BSV	DB

D



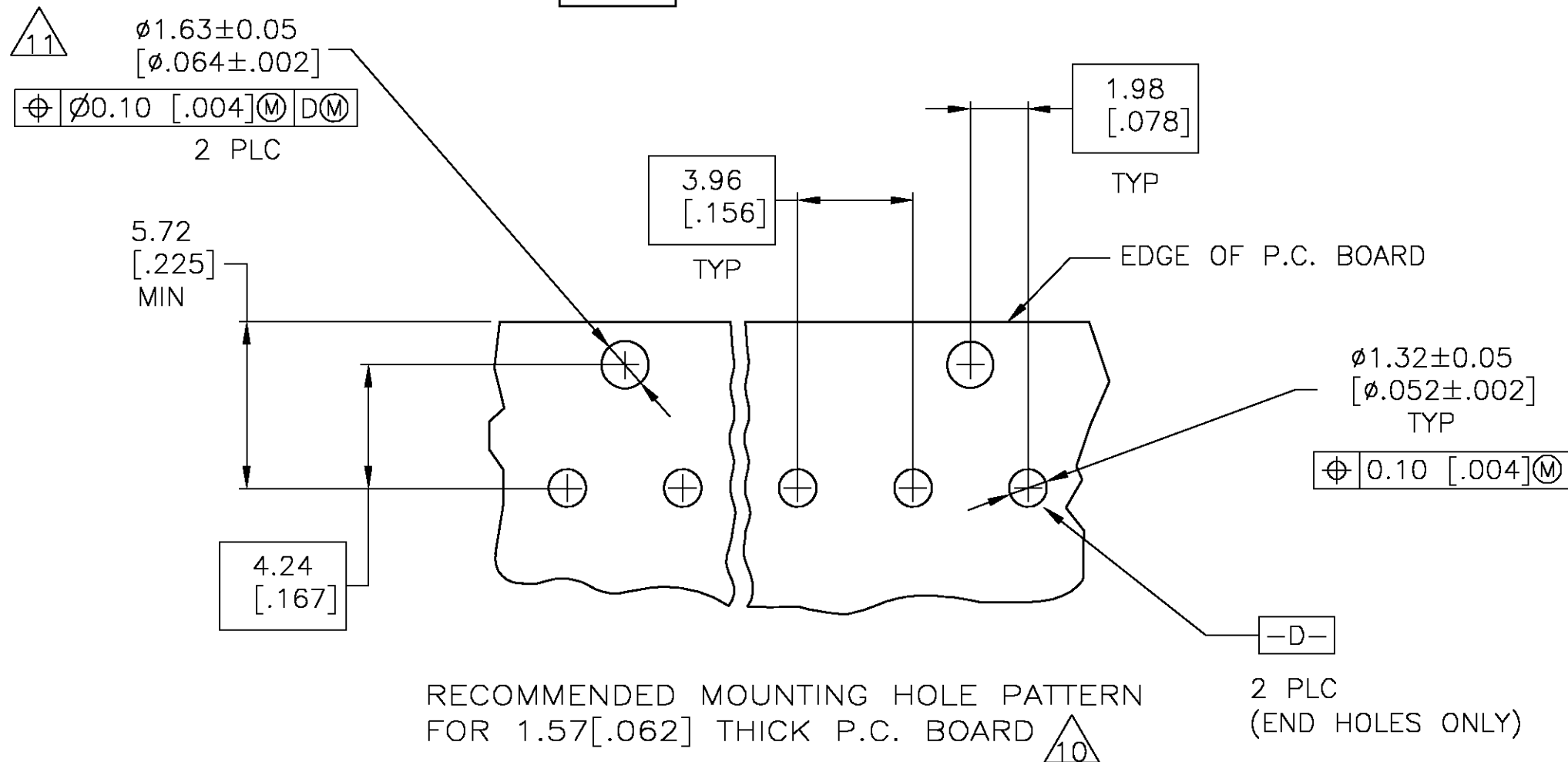
INTERRUPTED WALL
FOR POSITION SIZES
6 AND ABOVE

C



VIEW A-A
SCALE 10:1

B



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

METRIC

- 1 MATERIAL
HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-O.
POST: COPPER ALLOY
- 2 FINISH:
HOUSING: NATURAL
POST: BRIGHT TIN-LEAD (93/7) PLATE, 0.00380-0.00880[.000150-.000350] THK OVER NICKEL UNDERPLATE, 0.00130[.000050] MIN THK.
- 3 UL MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES.
CSA MARKING MAY NOT APPEAR ON THE 2 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 THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63[.064] DIAMETER BOARD HOLE FOR HEADER ASSEMBLY RETENTION DURING SOLDERING. FOUR TABS PER PEG, TWO PEGS PER HEADER ASSEMBLY (ONE PEG ONLY FOR 2 POSITION SIZE).
12. DIMENSIONS IN BRACKETS ARE IN INCHES.
- 13 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).
- 14 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [.005]
- 15 FINISH:
HOUSING: NATURAL
POST: MATTE TIN PLATE, .000150" MIN THICK OVER NICKEL.

15	4&5, 7&8, 11&12, 14&15	71.20	[2.803]	18	4-644616-8
	4&5, 7&8, 10&11, 13&14	67.23	[2.647]	17	4-644616-7
15	4&5, 8&9, 12&13	63.27	[2.491]	16	4-644616-6
	4&5, 8&9, 11&12	59.31	[2.335]	15	4-644616-5
15	4&5 7&8, 10&11	55.35	[2.179]	14	4-644616-4
	4&5 7&8, 10&11	51.38	[2.023]	13	4-644616-3
15	4&5, 8&9	47.42	[1.867]	12	4-644616-2
	4&5, 7&8	43.46	[1.711]	11	4-644616-1
15	3&4, 7&8	39.50	[1.555]	10	4-644616-0
	3&4, 6&7	35.53	[1.399]	9	3-644616-9
15	4&5	31.57	[1.243]	8	3-644616-8
	4&5	27.61	[1.087]	7	3-644616-7
15	3&4	23.65	[.931]	6	3-644616-6
	NONE	19.69	[.775]	5	3-644616-5
15	NONE	15.72	[.619]	4	3-644616-4
	NONE	11.76	[.463]	3	3-644616-3
15	NONE	7.80	[.307]	2	3-644616-2
	NONE	7.80	[.307]	2	3-644616-2
2	4&5, 7&8, 11&12, 14&15	71.20	[2.803]	18	1-644616-8
	4&5, 7&8, 10&11, 13&14	67.23	[2.647]	17	1-644616-7
2	4&5, 8&9, 12&13	63.27	[2.491]	16	1-644616-6
	4&5, 8&9, 11&12	59.31	[2.335]	15	1-644616-5
2	4&5, 7&8, 10&11	55.35	[2.179]	14	1-644616-4
	4&5, 7&8, 10&11	51.38	[2.023]	13	1-644616-3
2	4&5, 8&9	47.42	[1.867]	12	1-644616-2
	4&5, 7&8	43.46	[1.711]	11	1-644616-1
2	3&4, 7&8	39.50	[1.555]	10	1-644616-0
	3&4, 6&7	35.53	[1.399]	9	644616-9
2	4&5	31.57	[1.243]	8	644616-8
	4&5	27.61	[1.087]	7	644616-7
2	3&4	23.65	[.931]	6	644616-6
	NONE	19.69	[.775]	5	644616-5
2	NONE	15.72	[.619]	4	644616-4
	NONE	11.76	[.463]	3	644616-3
2	NONE	7.80	[.307]	2	644616-2
	NONE	7.80	[.307]	2	644616-2
FINISH	BACKWALL INTERRUPTION(S) BETWEEN POST	L		NO. OF CIRCUITS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. SMITH 03 DEC 93	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK R. SWING 03 DEC 93	Tyco Electronics	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. CLARK 15 DEC 93	NAME	
0 PLC ± -		PRODUCT SPEC		MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT .045 ROUND POST, TIN-LEAD PLATED WITH RETENTION PEGS
1 PLC ± -		APPLICATION SPEC		
2 PLC ± -		SIZE		
3 PLC ± -		DATE CODE		
4 PLC ± -		WEIGHT		A1 00779 C=644616
ANGLES		CUSTOMER DRAWING		
FINISH		SCALE 5:1		SHEET 1 OF 1 REV D
1				