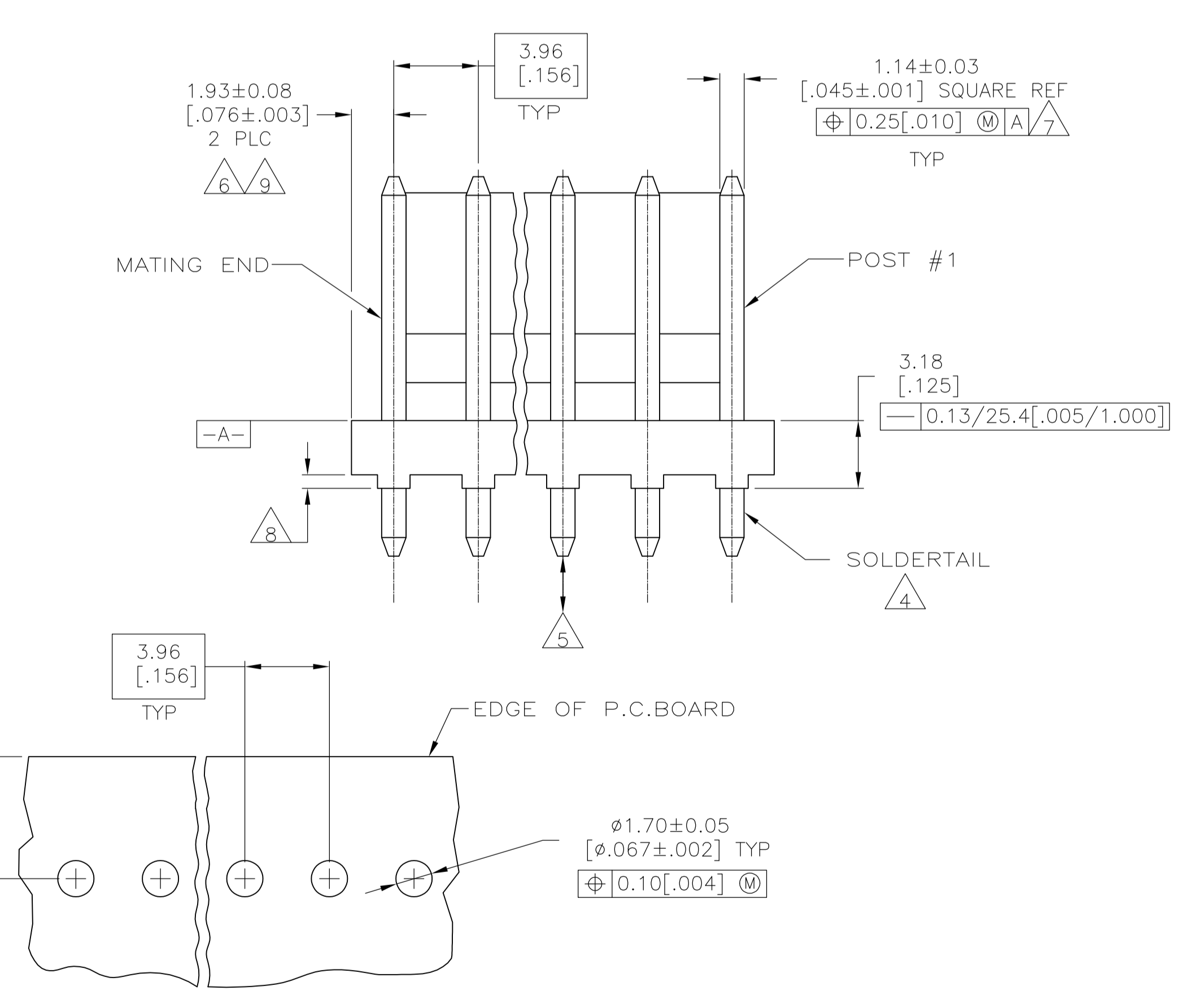
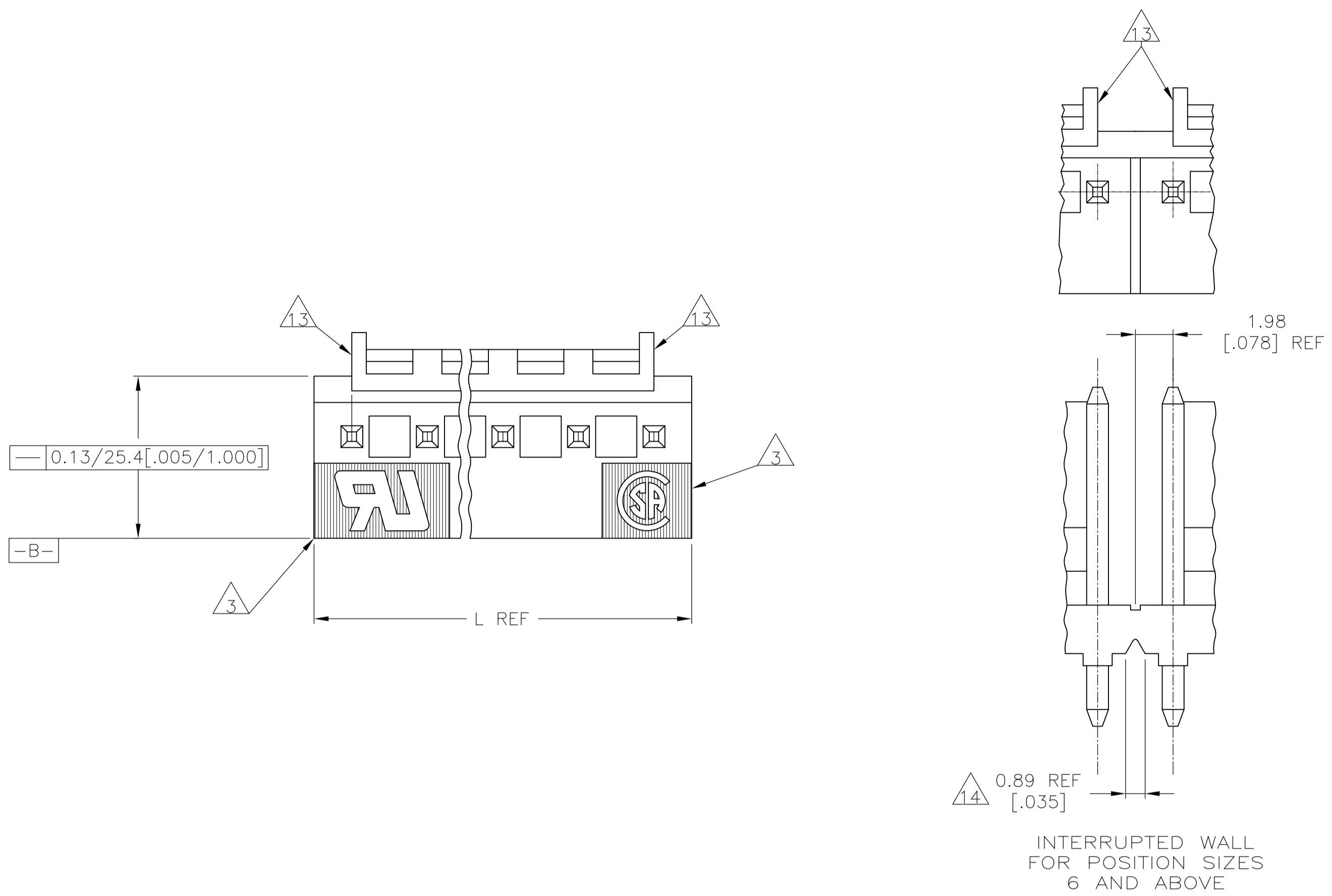


LOC		DIST		REVISIONS			
CM	00	REV	DATE	BY	CHK	APPV	
H1	ECO-06-013032		12JUN06	BSV		DB	
H2	REVISED PER ECO-09-023313		13OCT09	KK		AEG	



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

INTERRUPTED WALL FOR POSITION SIZES 6 AND ABOVE

- 1 MATERIAL HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0. 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 SOLDERDETAILS 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 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).
- 13 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN  $\pm 0.13$  [.005]
- 14 NOTCH SHOWN MAY OR MAY NOT APPEAR.
- 15 FINISH HOUSING: NATURAL POST: MATTE TIN PLATE 0.000150 MIN THICK OVER NICKEL
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

FINISH	BACKWALL INTERRUPTION(S) BETWEEN POST	L	NO. OF POSITIONS	PART NO.
15	4&5, 7&8, 11&12, 14&15	71.20 [2.803]	18	4-644611-8
15	4&5, 7&8, 10&11, 13&14	67.23 [2.647]	17	4-644611-7
15	4&5, 8&9, 12&13	63.27 [2.491]	16	4-644611-6
15	4&5, 8&9, 11&12	59.31 [2.335]	15	4-644611-5
15	4&5 7&8, 10&11	55.35 [2.179]	14	4-644611-4
15	4&5 7&8, 10&11	51.38 [2.023]	13	4-644611-3
15	4&5, 8&9	47.42 [1.867]	12	4-644611-2
15	4&5, 7&8	43.46 [1.711]	11	4-644611-1
15	3&4, 7&8	39.50 [1.555]	10	4-644611-0
15	3&4, 6&7	35.53 [1.399]	9	3-644611-9
15	4&5	31.57 [1.243]	8	3-644611-8
15	4&5	27.61 [1.087]	7	3-644611-7
15	3&4	23.65 [.931]	6	3-644611-6
15	NONE	19.69 [.775]	5	3-644611-5
15	NONE	15.72 [.619]	4	3-644611-4
15	NONE	11.76 [.463]	3	3-644611-3
15	NONE	7.80 [.307]	2	3-644611-2
15	4&5, 7&8, 11&12, 14&15	71.20 [2.803]	18	1-644611-8
15	4&5, 7&8, 10&11, 13&14	67.23 [2.647]	17	1-644611-7
15	4&5, 8&9, 12&13	63.27 [2.491]	16	1-644611-6
15	4&5, 8&9, 11&12	59.31 [2.335]	15	1-644611-5
15	4&5 7&8, 10&11	55.35 [2.179]	14	1-644611-4
15	4&5 7&8, 10&11	51.38 [2.023]	13	1-644611-3
15	4&5, 8&9	47.42 [1.867]	12	1-644611-2
15	4&5, 7&8	43.46 [1.711]	11	1-644611-1
15	3&4, 7&8	39.50 [1.555]	10	1-644611-0
15	3&4, 6&7	35.53 [1.399]	9	644611-9
15	4&5	31.57 [1.243]	8	644611-8
15	4&5	27.61 [1.087]	7	644611-7
15	3&4	23.65 [.931]	6	644611-6
15	NONE	19.69 [.775]	5	644611-5
15	NONE	15.72 [.619]	4	644611-4
15	NONE	11.76 [.463]	3	644611-3
15	NONE	7.80 [.307]	2	644611-2

16 SUPERSEDED  
18 SUPERSEDED  
18 SUPERSEDED  
18 SUPERSEDED

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWING NO.	RESTRICTED TO
0 PLC ± .01	± .01	03DEC93	BY
1 PLC ± .005	± .005	03DEC93	CHK
2 PLC ± .002	± .002	15DEC93	APPV
3 PLC ± .001	± .001		
4 PLC ± .0005	± .0005		
ANGLES ± .005	± .005		

Customer Drawing

Tyco Electronics Corporation Harrisburg, Pa 17105-3608

MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT, .045 SQUARE POST, TIN-LEAD PLATED, WITHOUT RETENTION PEGS

SIZE: A1 WEIGHT: 00779 SCALE: 5:1 SHEET: 1 OF 1 REV: H2