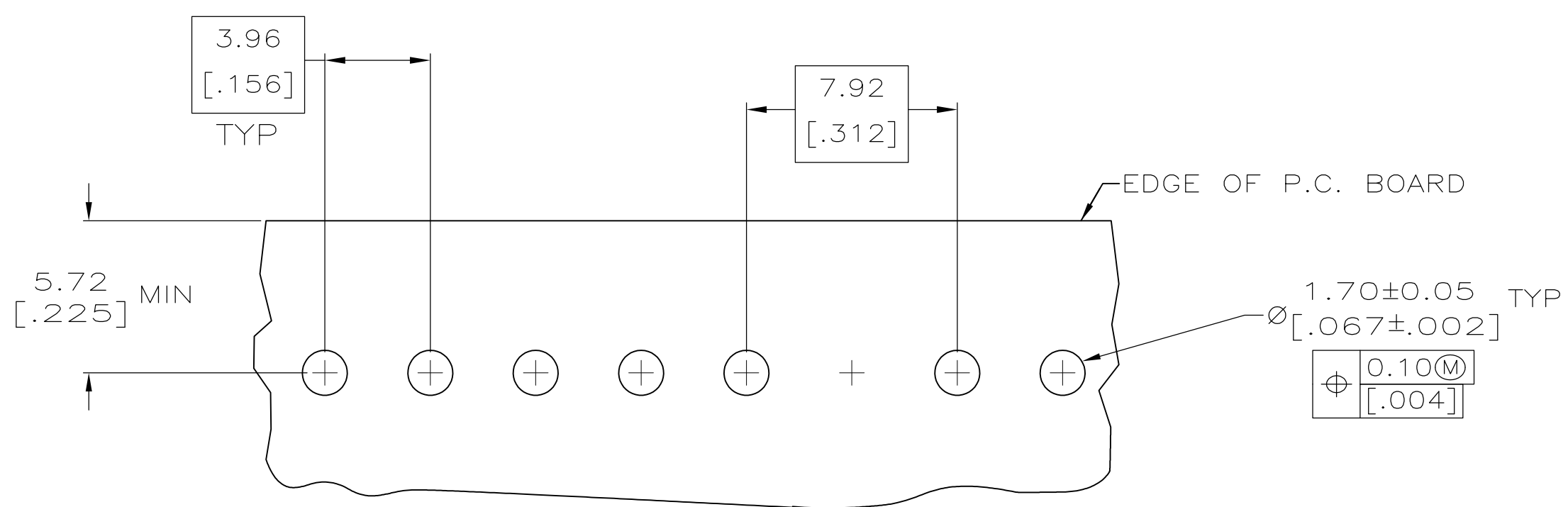
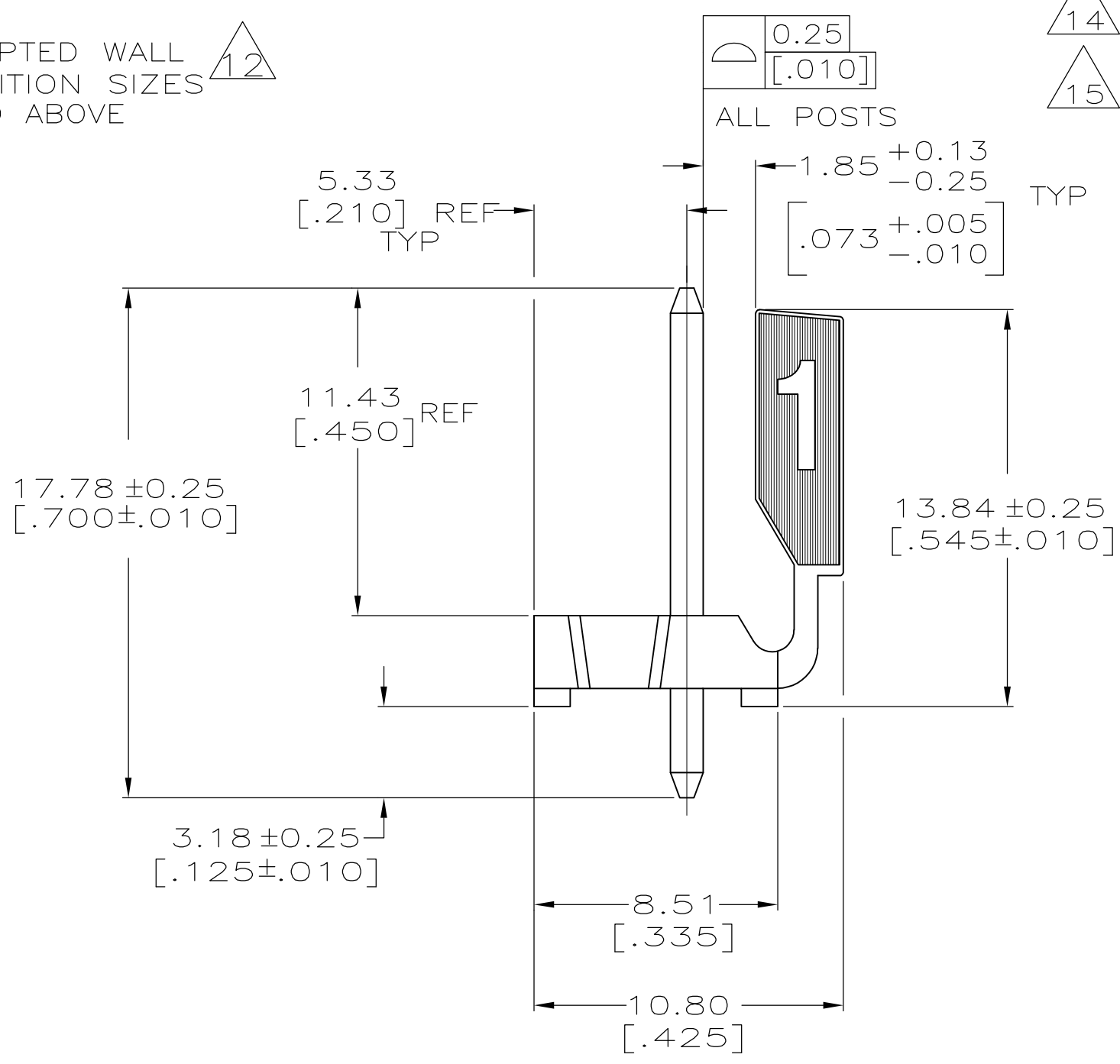
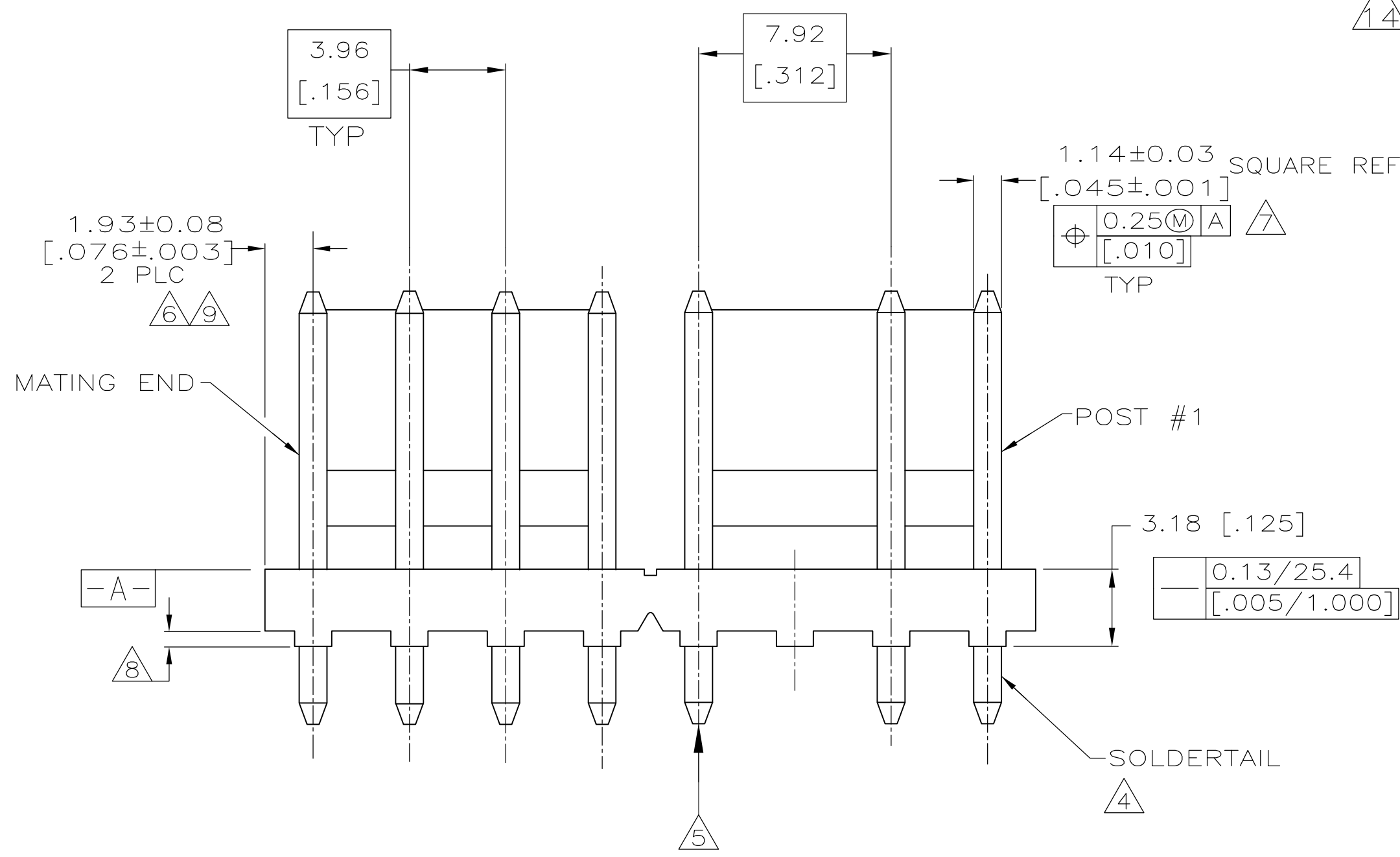
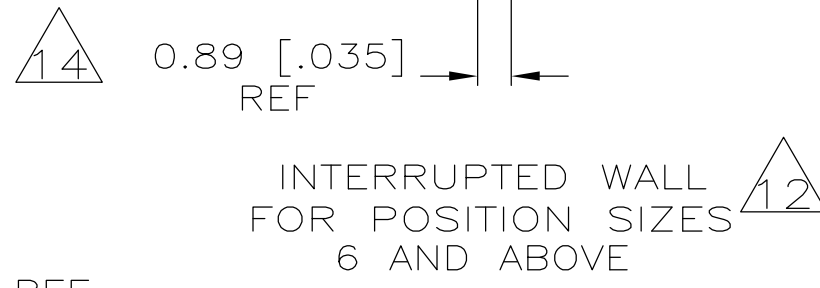
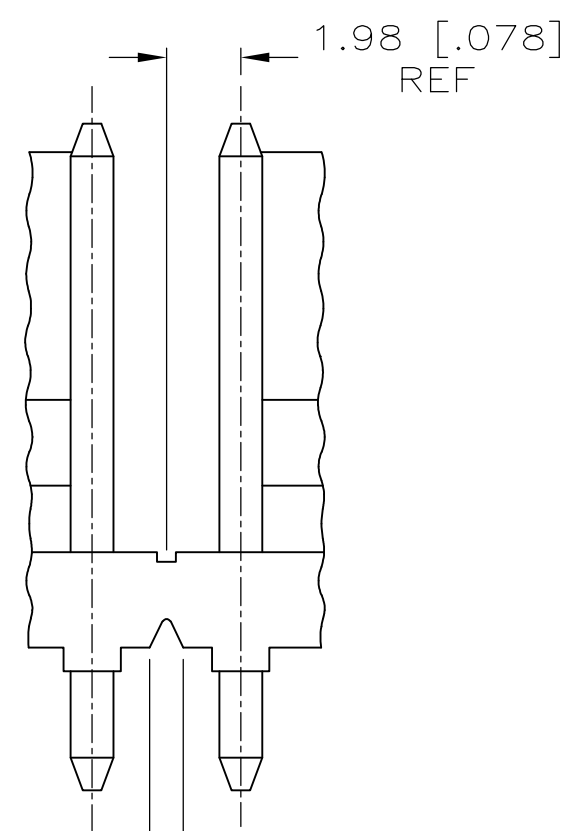
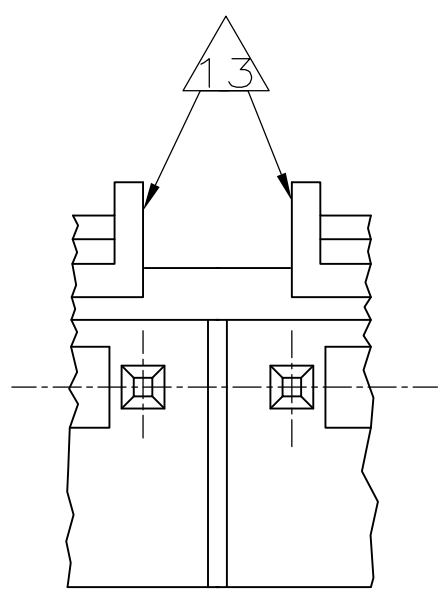




RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.57 [.062] THICK P.C. BOARD



- | | | | | | | |
|----|--|----|----------------------------|-----------|-----|-----|
| 1 | MATERIAL | F2 | REVISION PER ECO-13-013432 | 27AUG2013 | M.T | D.Z |
| | HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, DR-48. UL94V-O.
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 SOLDERTAILS 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  . | | | | | |
| 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. | | | | | |
| 15 | OBsolete PART NUMBER | | | | | |

	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	LEAD FREE	BACK WALL INTERRUPTIONS BETWEEN POSTS	mm	[IN]	NO OF POSITIONS	PART NUMBER
			L			

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 22-0CT-2004 S. HOOVER CHK 22-0CT-2004 D. BOSSI APVD 22-0CT-2004 D. BOSSI		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 0.13 [.005] 4 PLC ± ANGLES ±		NAME ASSEMBLY- MTA .156 HEADER, POLARIZED LOCK, STR .045 SQUARE POST, TIN OR TIN-LEAD PLATED, OMITTED POST #3. SPECIAL	
		PRODUCT SPEC APPLICATION SPEC		SIZE CODE CASE DRAWING NO A1 00779 C-647181	
MATERIAL 		FINISH 		RESTRICTED TO SCALE 5:1 SHEET 1 OF 1 REV F2	
CUSTOMER DRAWING					

Mouser Electronics

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[3-647181-6](#)