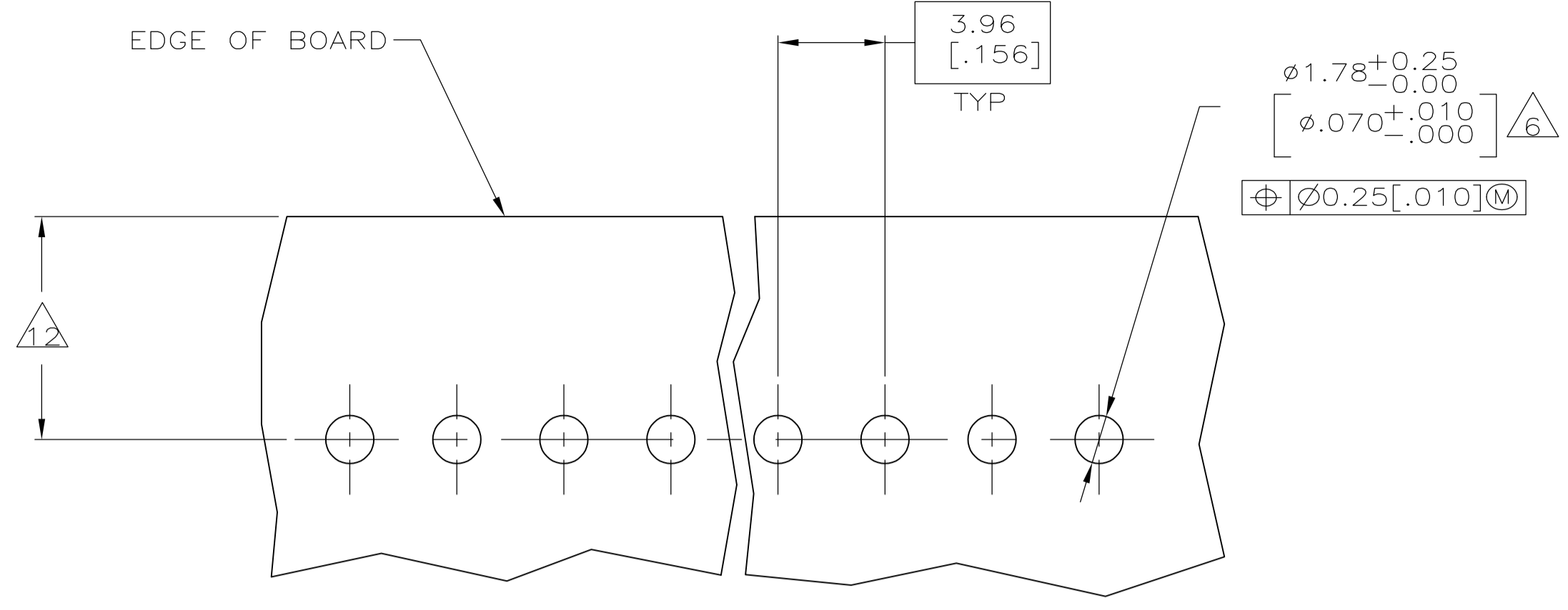
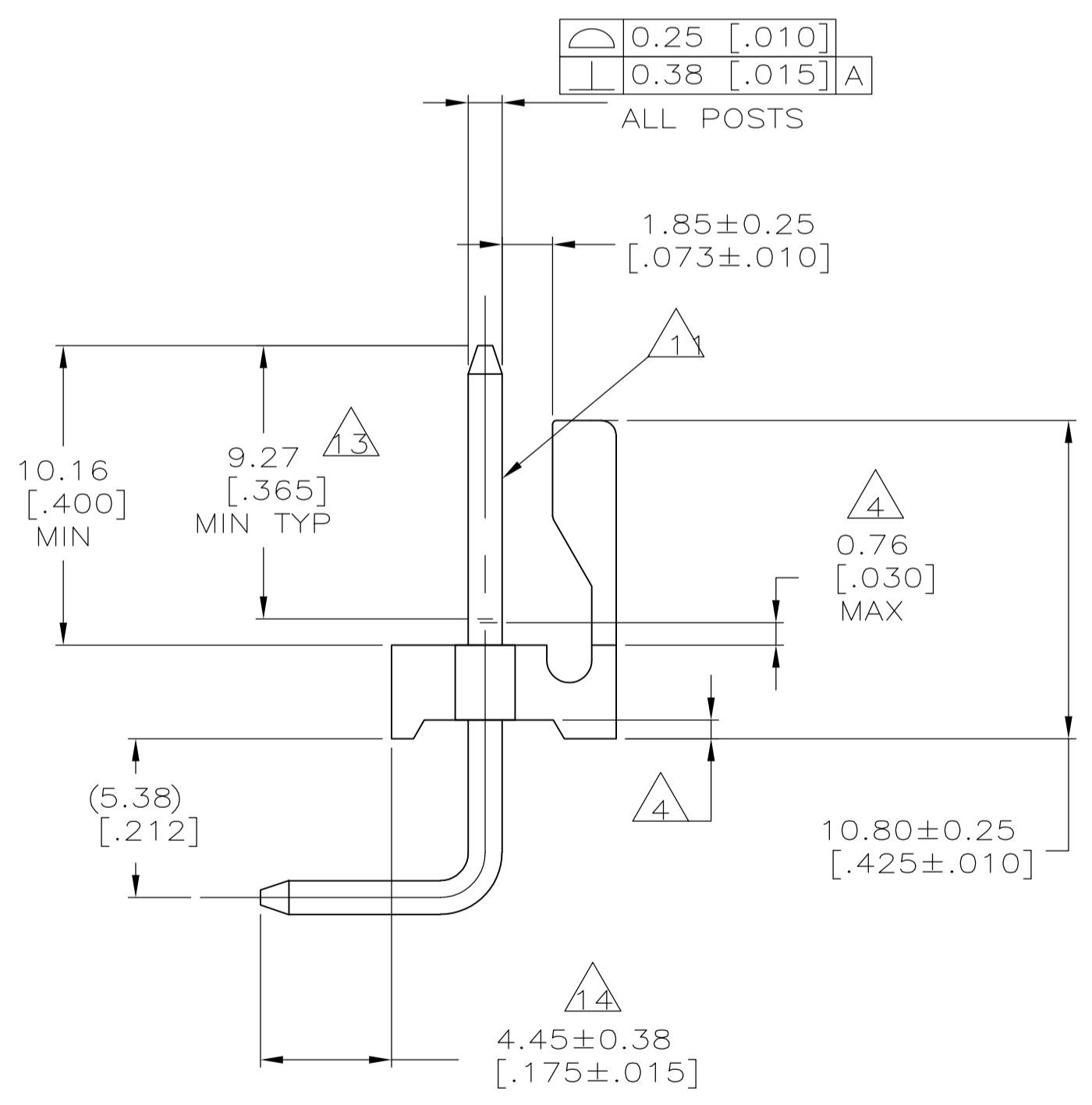
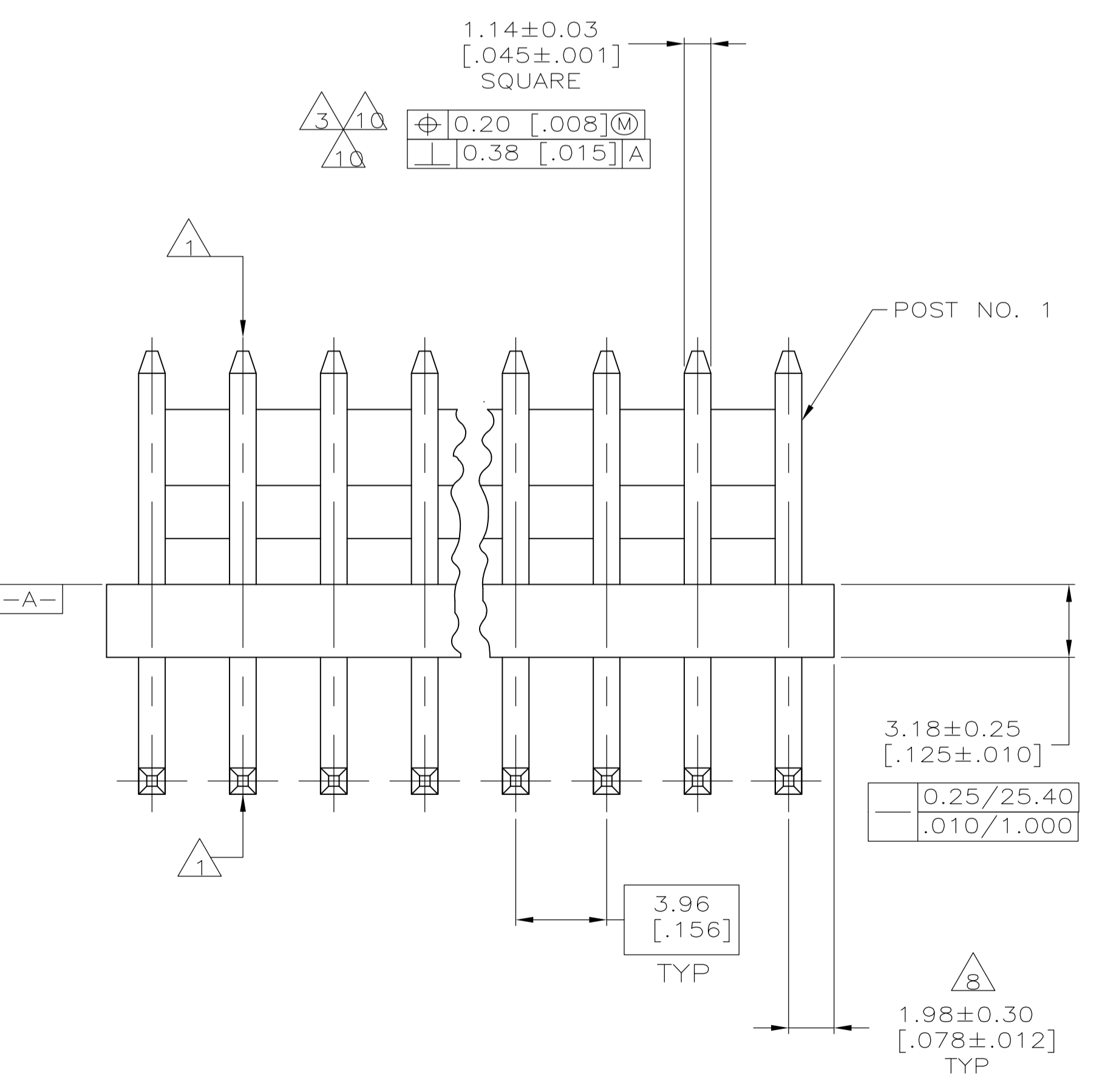
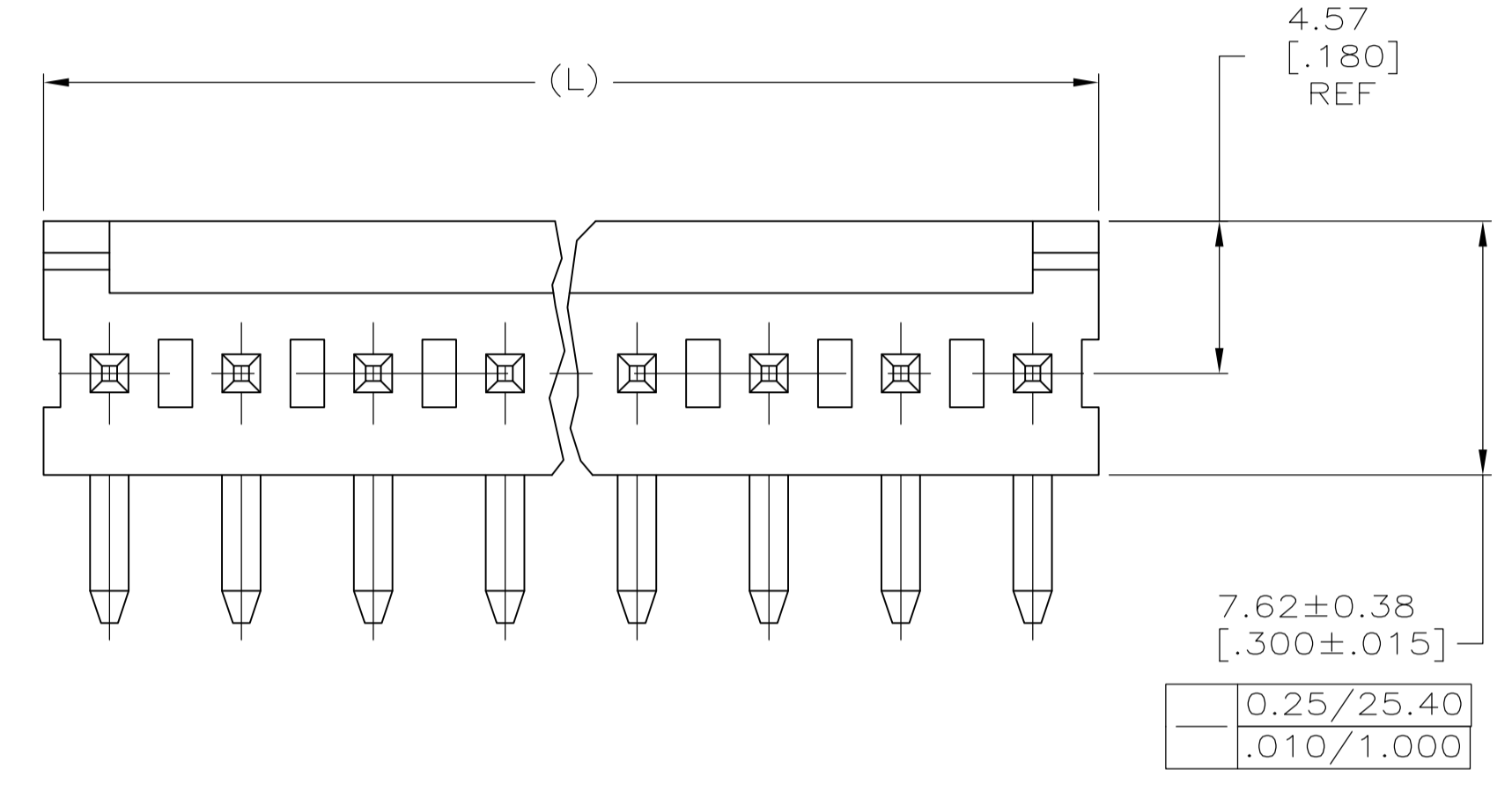


| LOC | DIST | REVISIONS |                           |         |     |      |
|-----|------|-----------|---------------------------|---------|-----|------|
| CM  | 00   | REV       | DESCRIPTION               | DATE    | BY  | APPV |
| G   |      | 1         | REVISED PER ECO-12-016927 | 04OCT12 | KH  | SM   |
| G1  |      | 1         | ECR-12-016748             | 30AUG13 | M.T | D.Z  |



G1 RECOMMENDED MOUNTING HOLE PATTERN FOR .109±0.016 THICK P.C. BOARD

- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE [-A-]
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 8.26-10.16 [.325-.400] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR 8.26-8.76 [.325-.345] MIN WHEN MATING WITH A SL-156 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 4.45 [.175] MINIMUM FOR -2 THRU -24. MATTE TIN PLATE AREA 0.00381-0.00889 [.000150-.000350] THICK ALL FOUR SIDES, 4.45 [.175] FOR -32 THRU -54.
- 15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



| DIM (L)       | NO. OF POSN | ASSEMBLY   |
|---------------|-------------|------------|
| 95.10 [3.744] | 24          | 5-644768-4 |
| 91.14 [3.588] | 23          | 5-644768-3 |
| 87.17 [3.432] | 22          | 5-644768-2 |
| 83.21 [3.276] | 21          | 5-644768-1 |
| 79.25 [3.120] | 20          | 5-644768-0 |
| 75.29 [2.964] | 19          | 4-644768-9 |
| 71.32 [2.808] | 18          | 4-644768-8 |
| 67.36 [2.652] | 17          | 4-644768-7 |
| 63.40 [2.496] | 16          | 4-644768-6 |
| 59.44 [2.340] | 15          | 4-644768-5 |
| 55.47 [2.184] | 14          | 4-644768-4 |
| 51.51 [2.028] | 13          | 4-644768-3 |
| 47.55 [1.872] | 12          | 4-644768-2 |
| 43.59 [1.716] | 11          | 4-644768-1 |
| 39.62 [1.560] | 10          | 4-644768-0 |
| 35.66 [1.404] | 9           | 3-644768-9 |
| 31.70 [1.248] | 8           | 3-644768-8 |
| 27.74 [1.092] | 7           | 3-644768-7 |
| 23.77 [.936]  | 6           | 3-644768-6 |
| 19.81 [.780]  | 5           | 3-644768-5 |
| 15.85 [.624]  | 4           | 3-644768-4 |
| 11.89 [.468]  | 3           | 3-644768-3 |
| 7.92 [.312]   | 2           | 3-644768-2 |

| DIM (L)       | NO. OF POSN | ASSEMBLY   |
|---------------|-------------|------------|
| 95.10 [3.744] | 24          | 2-644768-4 |
| 91.14 [3.588] | 23          | 2-644768-3 |
| 87.17 [3.432] | 22          | 2-644768-2 |
| 83.21 [3.276] | 21          | 2-644768-1 |
| 79.25 [3.120] | 20          | 2-644768-0 |
| 75.29 [2.964] | 19          | 1-644768-9 |
| 71.32 [2.808] | 18          | 1-644768-8 |
| 67.36 [2.652] | 17          | 1-644768-7 |
| 63.40 [2.496] | 16          | 1-644768-6 |
| 59.44 [2.340] | 15          | 1-644768-5 |
| 55.47 [2.184] | 14          | 1-644768-4 |
| 51.51 [2.028] | 13          | 1-644768-3 |
| 47.55 [1.872] | 12          | 1-644768-2 |
| 43.59 [1.716] | 11          | 1-644768-1 |
| 39.62 [1.560] | 10          | 1-644768-0 |
| 35.66 [1.404] | 9           | 644768-9   |
| 31.70 [1.248] | 8           | 644768-8   |
| 27.74 [1.092] | 7           | 644768-7   |
| 23.77 [.936]  | 6           | 644768-6   |
| 19.81 [.780]  | 5           | 644768-5   |
| 15.85 [.624]  | 4           | 644768-4   |
| 11.89 [.468]  | 3           | 644768-3   |
| 7.92 [.312]   | 2           | 644768-2   |

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                         |  |                        |  |
|-------------------------|--|------------------------|--|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN S. HOOVER 07NOV02  | TE Connectivity  |
| 0 PLC ± -               | 1 PLC ± -                              | CHK: D. ROSSI 07NOV02  | NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND, .045 SQUARE POST, .000015 GOLD, SPECIAL |
| 2 PLC ± ± 0.13[.005]    | 3 PLC ± -                              | APPV: D. ROSSI 07NOV02 | APPLICATION SPEC   |
| 4 PLC ± -               | ANGLES ± -                             | SIZE: A1               | CAGE CODE: 00779   |
| MATERIAL                | FINISH                                 | WEIGHT                 | DRAWING NO: 644768   |
|                         |  | CUSTOMER DRAWING       | SCALE: 5:1 SHEET 1 OF 1 REV: G1  |