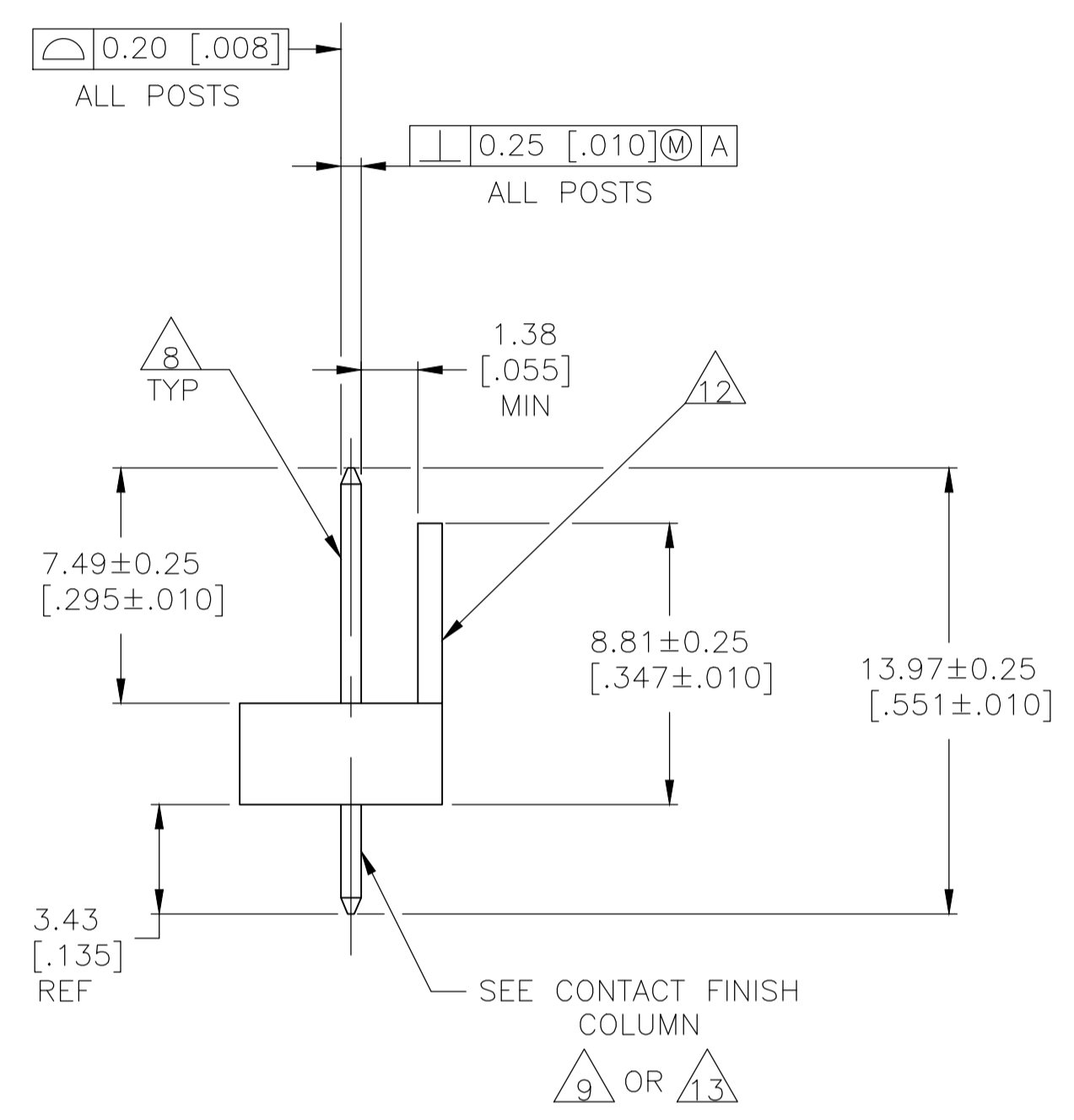
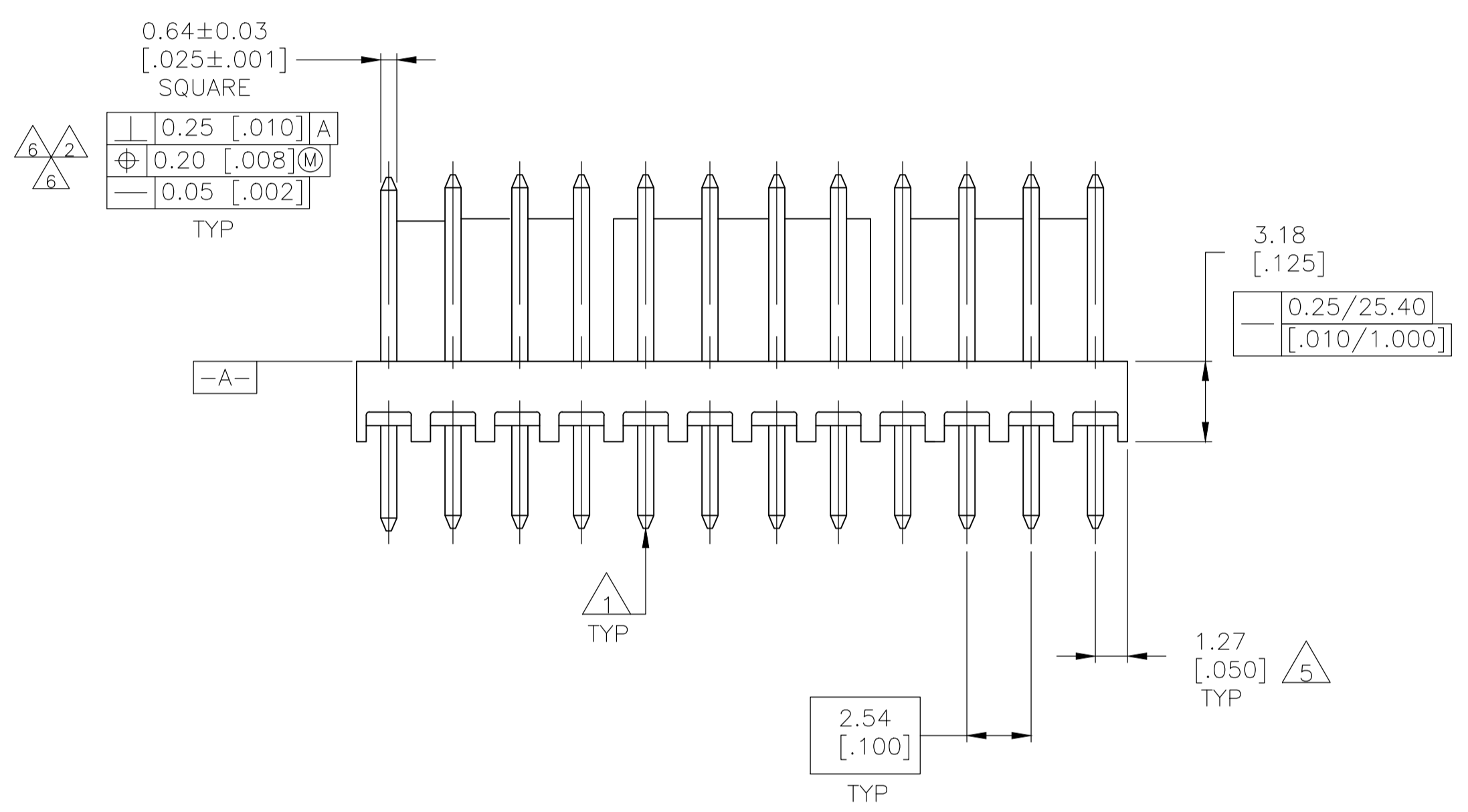
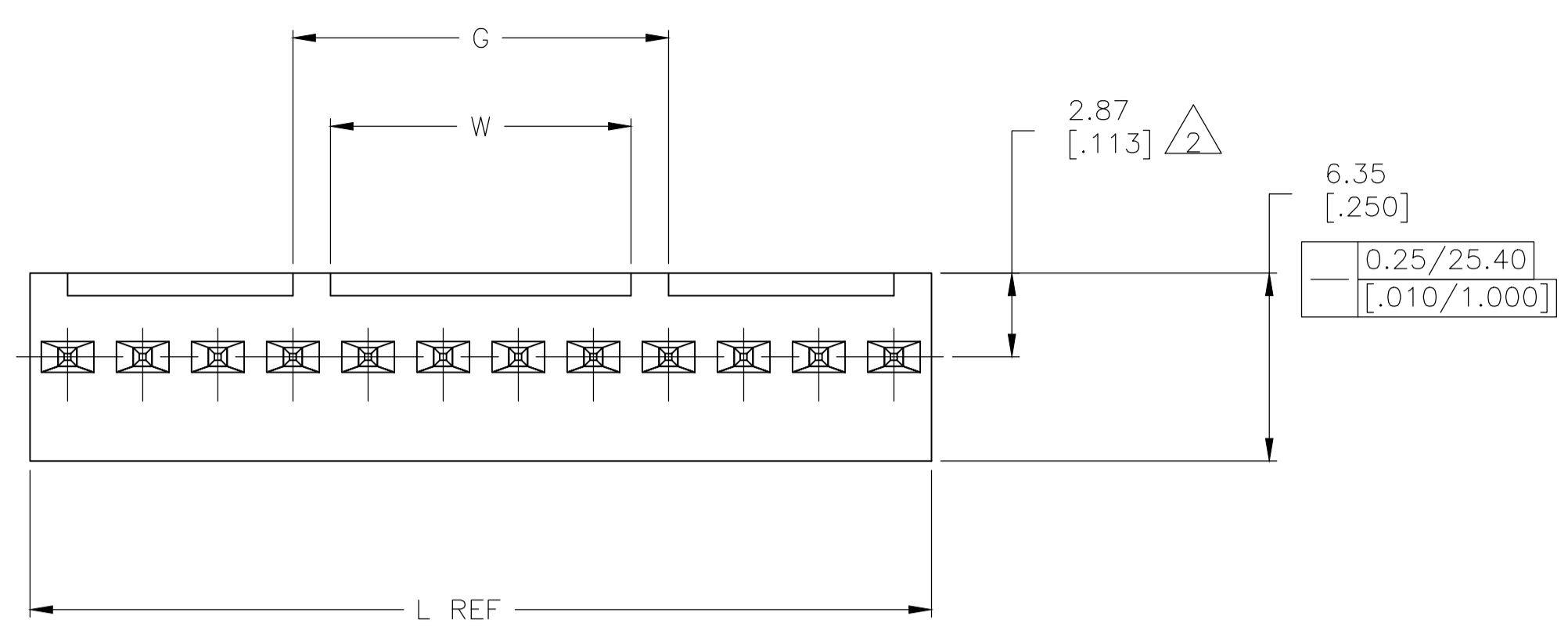
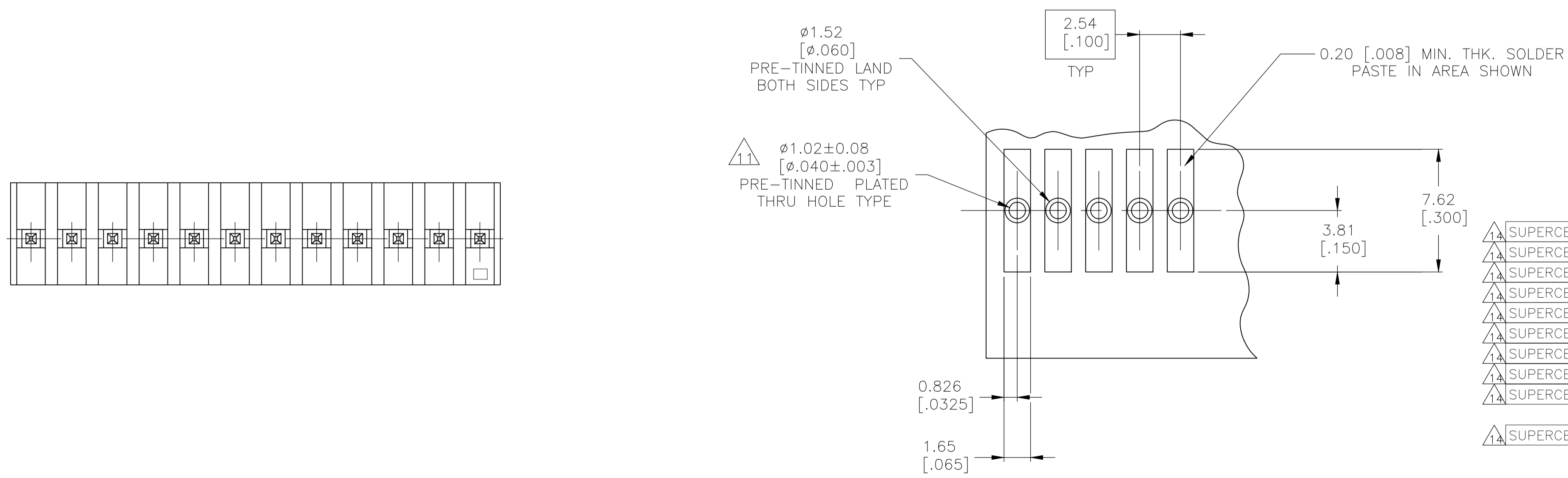


| LOC | | DIST | | REVISIONS | | | |
|-----|-----|---------------------------|-----------|-----------|------|--|--|
| P | LTR | DESCRIPTION | DATE | DMN | APVD | | |
| M1 | | REVISED PER ECR-18-004355 | 19JUN2018 | BDA | SG | | |



- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN DIRECTION SHOWN WITHOUT DISLODGING.
- 2 MEASURED AT SURFACE $\overline{-A-}$.
- 3 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 4 MATERIAL:
HOUSING: NYLON 4/6, HIGH TEMP, BLACK
POST: COPPER ALLOY, (SEE NOTES 8, 9 & 13 FOR PLATING).
- 5 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 6 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 7 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 8 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.
- 9 BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES, 3.56[.140] MIN.
- 10 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 11 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [.032-.035] DIAMETER FOR ASSEMBLY RETENTION DURING PROCESSING.
- 12 AMP LOGO AND UL AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
- 13 MATTE TIN PLATE AREA, 0.00381-0.00889[.000150-.000350] THICK, ALL FOUR SIDES, 3.56[.140] MIN.
- 14 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



| POST FINISH | W | | G | | L | | NO. OF POSITIONS | PART NUMBER |
|-------------|-------|------|-------|------|-------|-------|------------------|-------------|
| | MM | [IN] | MM | [IN] | MM | [IN] | | |
| 8, 13 | 10.16 | .400 | 12.70 | .500 | 30.48 | 1.200 | 12 | 4-647075-2 |
| | - | - | 10.16 | .400 | 27.94 | 1.100 | 11 | 4-647075-1 |
| | - | - | 7.62 | .300 | 25.40 | 1.000 | 10 | 4-647075-0 |
| | - | - | 5.08 | .200 | 22.86 | .900 | 9 | 3-647075-9 |
| | - | - | 2.54 | .100 | 20.32 | .800 | 8 | 3-647075-8 |
| | - | - | - | - | 17.78 | .700 | 7 | 3-647075-7 |
| | - | - | - | - | 15.24 | .600 | 6 | 3-647075-6 |
| | - | - | - | - | 12.70 | .500 | 5 | 3-647075-5 |
| | - | - | - | - | 10.16 | .400 | 4 | 3-647075-4 |
| | - | - | - | - | 7.62 | .300 | 3 | 3-647075-3 |
| 8, 9 | - | - | - | - | 5.08 | .200 | 2 | 3-647075-2 |
| | 10.16 | .400 | 12.70 | .500 | 30.48 | 1.200 | 12 | 1-647075-2 |
| | - | - | 10.16 | .400 | 27.94 | 1.100 | 11 | 1-647075-1 |
| | - | - | 7.62 | .300 | 25.40 | 1.000 | 10 | 1-647075-0 |
| | - | - | 5.08 | .200 | 22.86 | .900 | 9 | 647075-9 |
| | - | - | 2.54 | .100 | 20.32 | .800 | 8 | 647075-8 |
| | - | - | - | - | 17.78 | .700 | 7 | 647075-7 |
| | - | - | - | - | 15.24 | .600 | 6 | 647075-6 |
| | - | - | - | - | 12.70 | .500 | 5 | 647075-5 |
| | - | - | - | - | 10.16 | .400 | 4 | 647075-4 |
| - | - | - | - | 7.62 | .300 | 3 | 647075-3 | |
| - | - | - | - | 5.08 | .200 | 2 | 647075-2 | |

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RECOMMENDED MOUNTING HOLE PATTERN FOR 1.57±0.20 [.062±.008] THICK P.C. BOARD

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | |
|-------------------------|----------------------------------------|-----------------------|---------------------------|-------------------------------------------------------------------------------------------------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN S. HOOVER 25FEB03 | APPROVED D. ROSSI 25FEB03 | NAME: MTA-.100 HEADER ASSEMBLY, HIGH TEMPERATURE, POLARIZED, STRAIGHT .025 SQUARE, POST, .000015 GOLD |
| 0 PLC ± | 1 PLC ± | 2 PLC ± | 3 PLC ± 0.38 [.015] | APPLICATION SPEC |
| 4 PLC ± | ANGLES ± 0°30' | MATERIAL | FINISH | WEIGHT |

STE TE Connectivity

SIZE: A1 00779 C=647075

CUSTOMER DRAWING SCALE: 5:1 SHEET 1 OF 1 REV M1