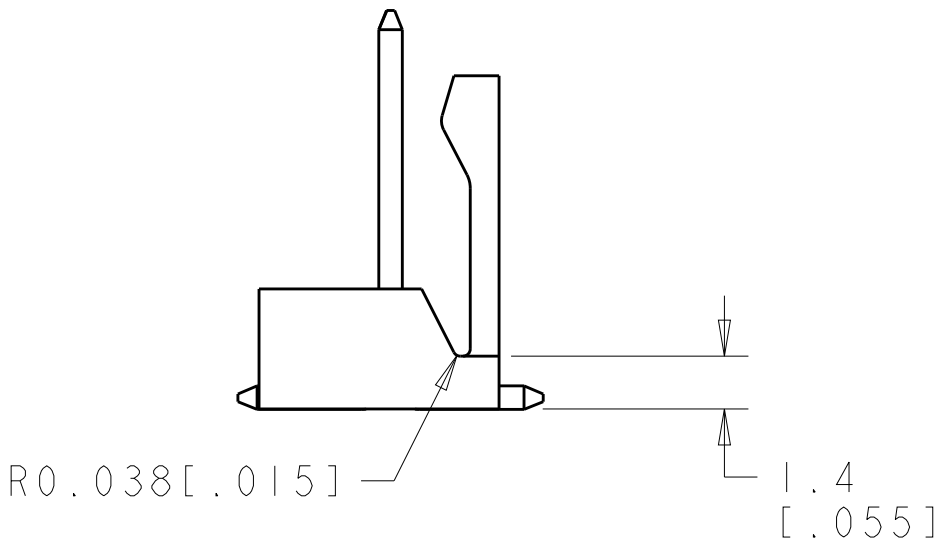
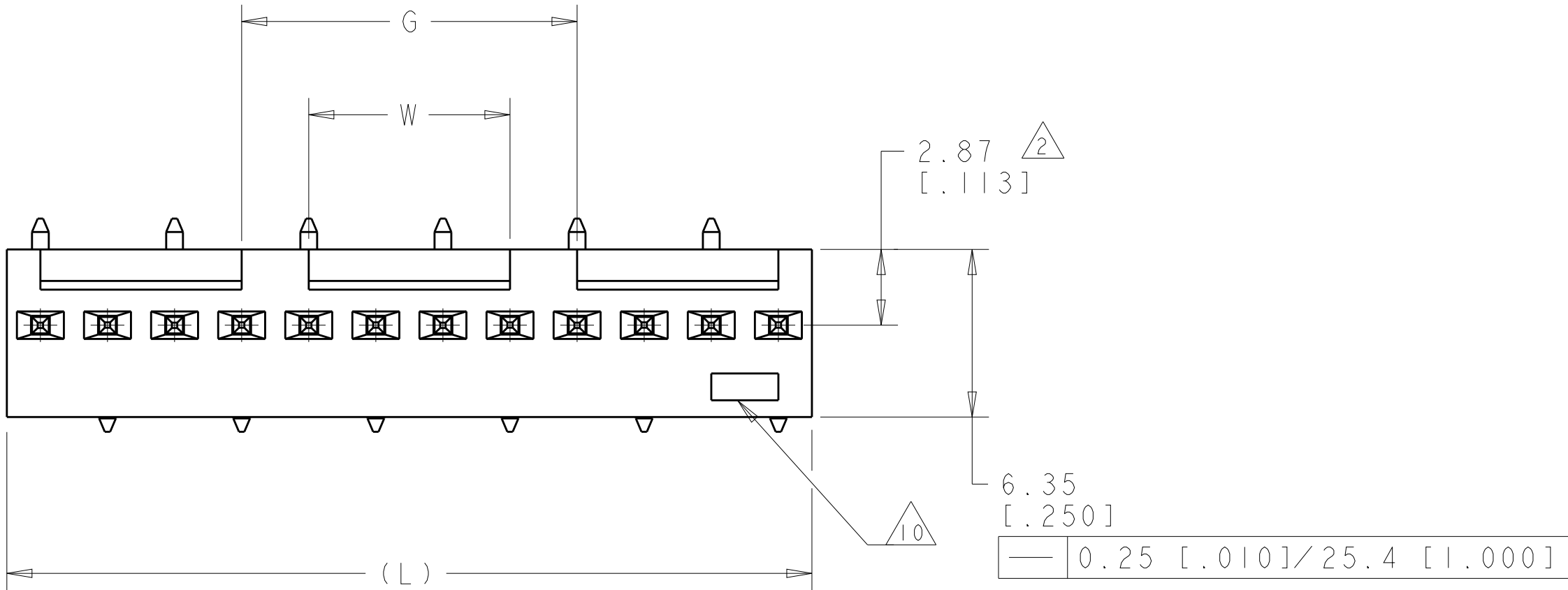
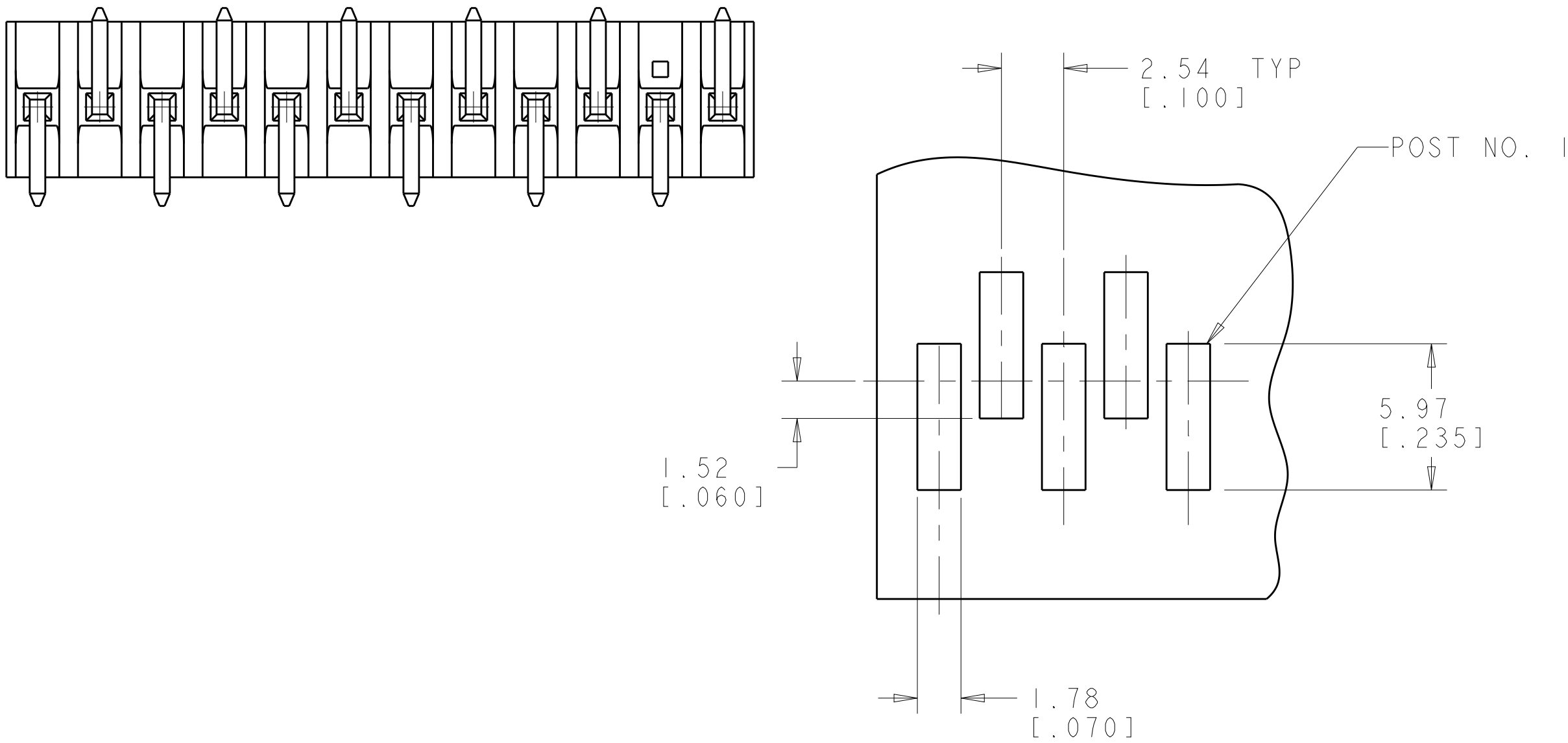
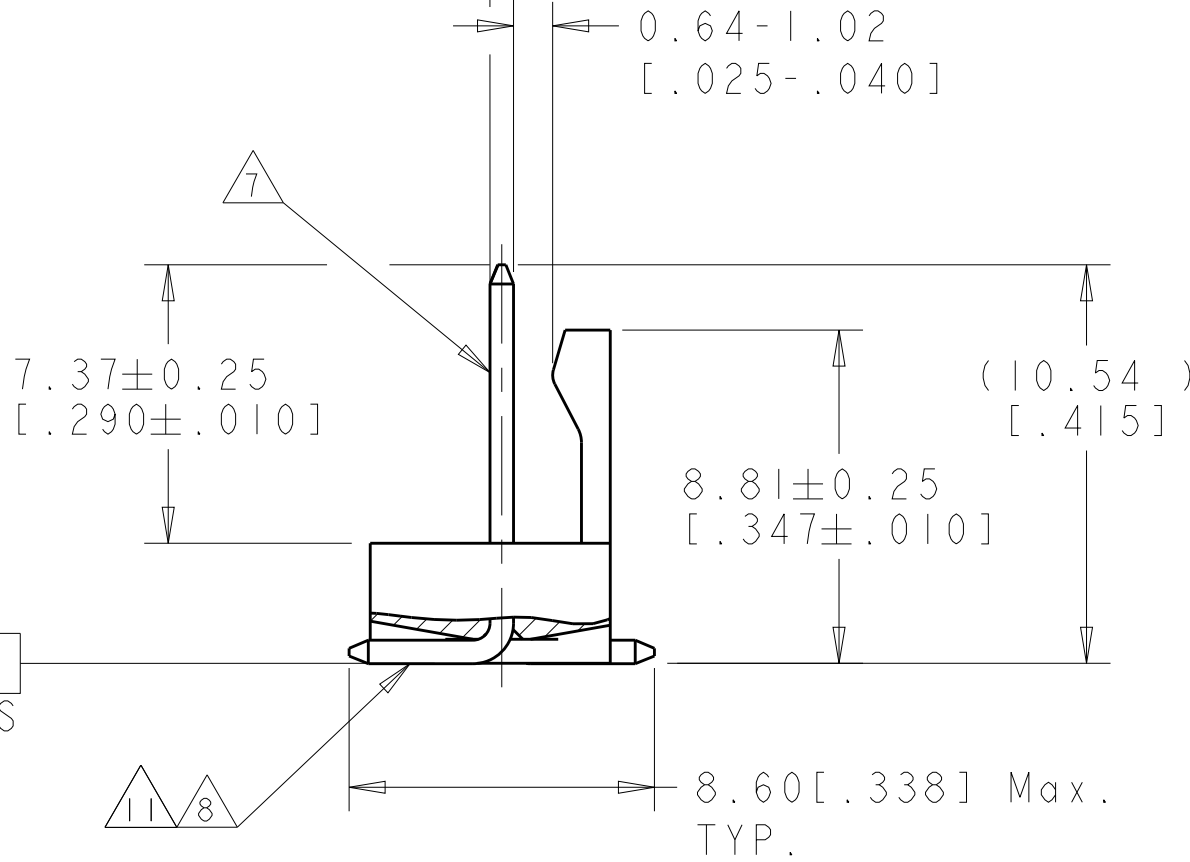
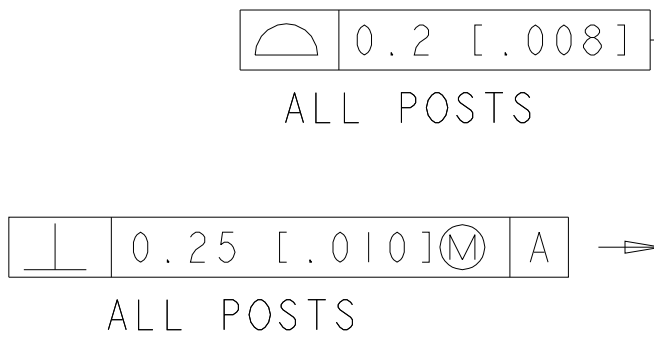
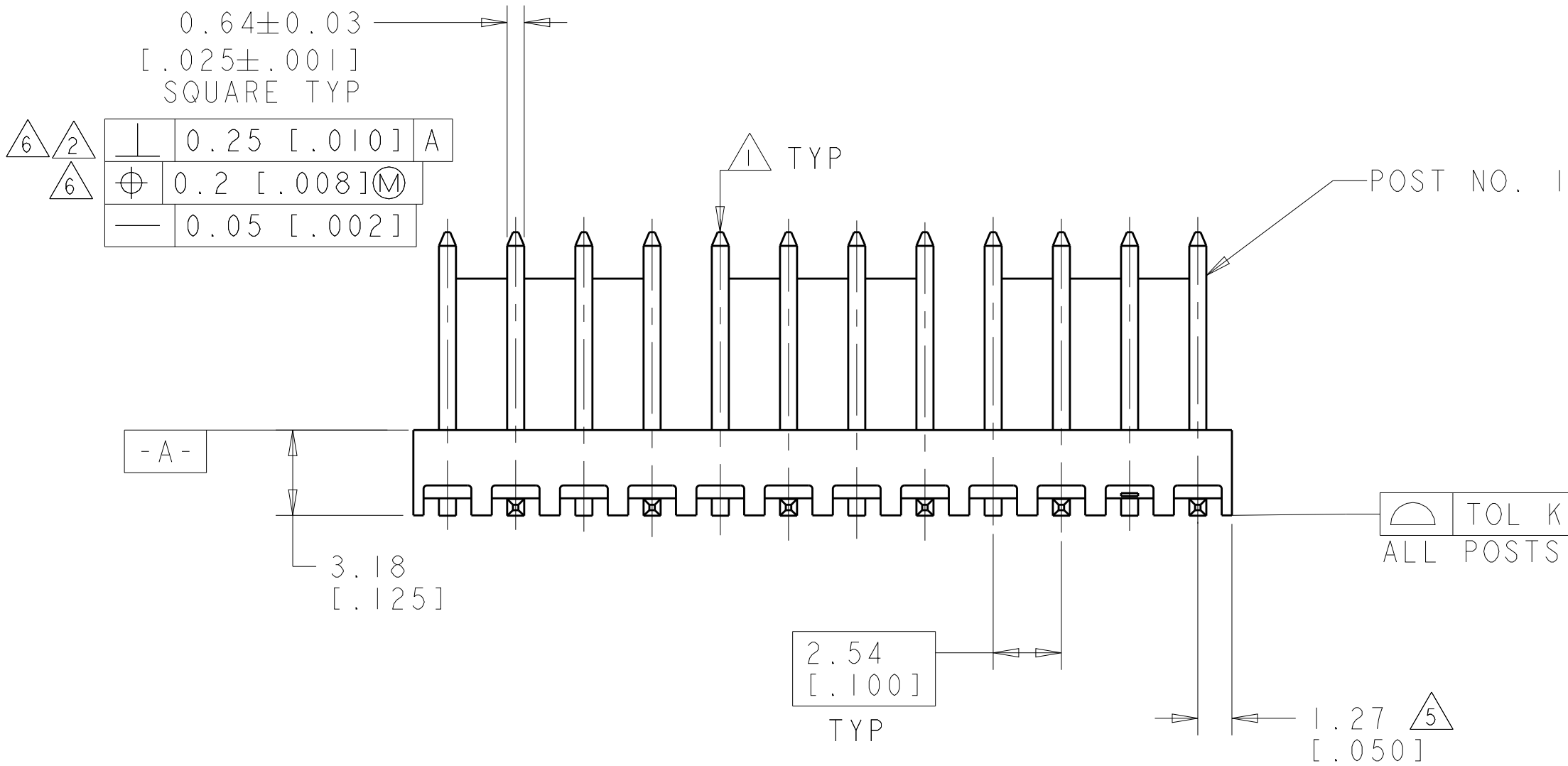


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| CM  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | P1  | REVISED PER ECO-13-010175 | 20JUN2013 | DZ  | YHM  |
|     |      |           | P2  | REVISED PER ECR-14-010237 | 24AUG2014 | O.C | D.Z  |
|     |      |           |     |                           |           |     |      |



TYPICAL END VIEW  
FOR -2 THRU -7

- 1 POST WITHSTAND 13 NEWTONS (3 LBS) MIN AXIAL FORCE IN DIRECTION SHOWN WITHOUT DISLODGING.
- 2 MEASURED AT -A-.
3. PARTS COMPLY WITH SOLDERABILITY SPEC 109-11-2.
- 4 MATERIAL:  
HOUSING: NYLON, 4/6, UL94V-0,HIGH TEMP. BLACK.  
POST - COPPER ALLOY (SEE TABLE FOR PLATING).
- 5 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 6 POSTS TO BE MEASURED WHEN STRIP HELD FLAT.
- 7 PLATING: GOLD PLATE AREA, 0.00076 [0.00030] GOLD OR 0.00008 [0.000003] MIN GOLD FLASH OVER 0.00068 [0.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [0.00050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 8 BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES, 3.56 [0.140] MIN.
9. DIMENSIONS IN BRACKETS ARE IN INCHES.
- 10 TE LOGO,UL,AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
- 11 MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES, 3.56 [0.140] MIN.
- 12 OBSOLETE PARTS.



RECOMMENDED MOUNTING HOLE PATTERN  
FOR USE WITH 0.25 [0.010] THICK STENCIL

- 12 SUPERSEDED BY 4-647168-2
- 12 SUPERSEDED BY 4-647168-1
- 12 SUPERSEDED BY 4-647168-0
- 12 SUPERSEDED BY 3-647168-9
- 12 SUPERSEDED BY 3-647168-7
- 12 SUPERSEDED BY 3-647168-5
- 12 SUPERSEDED BY 3-647168-2

|             |              |               |               |               |            |            |
|-------------|--------------|---------------|---------------|---------------|------------|------------|
| 7 11        | 0.15 [0.006] | 7.62 [0.300]  | 12.70 [0.500] | 30.48 [1.200] | 12         | 4-647168-2 |
|             | 0.15 [0.006] | -             | 10.16 [0.400] | 27.94 [1.100] | 11         | 4-647168-1 |
|             | 0.15 [0.006] | -             | 7.62 [0.300]  | 25.40 [1.000] | 10         | 4-647168-0 |
|             | 0.15 [0.006] | -             | 5.08 [0.200]  | 22.86 [0.900] | 9          | 3-647168-9 |
|             | 0.15 [0.006] | -             | 2.54 [0.100]  | 20.32 [0.800] | 8          | 3-647168-8 |
|             | 0.15 [0.006] | -             | -             | 17.78 [0.700] | 7          | 3-647168-7 |
|             | 0.15 [0.006] | -             | -             | 15.24 [0.600] | 6          | 3-647168-6 |
|             | 0.15 [0.006] | -             | -             | 12.70 [0.500] | 5          | 3-647168-5 |
|             | 0.15 [0.006] | -             | -             | 10.16 [0.400] | 4          | 3-647168-4 |
|             | 0.15 [0.006] | -             | -             | 7.62 [0.300]  | 3          | 3-647168-3 |
| 7 8         | 0.15 [0.006] | -             | -             | 5.08 [0.200]  | 2          | 3-647168-2 |
|             | 0.20 [0.008] | 12.70 [0.500] | 20.32 [0.800] | 38.10 [1.500] | 15         | 1-647168-5 |
|             | 0.15 [0.006] | 7.62 [0.300]  | 12.70 [0.500] | 30.48 [1.200] | 12         | 1-647168-2 |
|             | 0.15 [0.006] | -             | 10.16 [0.400] | 27.94 [1.100] | 11         | 1-647168-1 |
|             | 0.15 [0.006] | -             | 7.62 [0.300]  | 25.40 [1.000] | 10         | 1-647168-0 |
|             | 0.15 [0.006] | -             | 5.08 [0.200]  | 22.86 [0.900] | 9          | 647168-9   |
|             | 0.15 [0.006] | -             | 2.54 [0.100]  | 20.32 [0.800] | 8          | 647168-8   |
|             | 0.15 [0.006] | -             | -             | 17.78 [0.700] | 7          | 647168-7   |
|             | 0.15 [0.006] | -             | -             | 15.24 [0.600] | 6          | 647168-6   |
|             | 0.15 [0.006] | -             | -             | 12.70 [0.500] | 5          | 647168-5   |
| 7 8         | 0.15 [0.006] | -             | -             | 10.16 [0.400] | 4          | 647168-4   |
|             | 0.15 [0.006] | -             | -             | 7.62 [0.300]  | 3          | 647168-3   |
|             | 0.15 [0.006] | -             | -             | 5.08 [0.200]  | 2          | 647168-2   |
|             | 0.15 [0.006] | -             | -             | -             | -          | -          |
|             | 0.15 [0.006] | -             | -             | -             | -          | -          |
| POST FINISH | TOL K        | W             | G             | L             | NO OF POSN | PART NO    |

|                                                                |  |                                  |                                                                                                            |  |
|----------------------------------------------------------------|--|----------------------------------|------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                         |  | DWN<br>R. WHITAKER<br>4-NOV-2001 | TE Connectivity                                                                                            |  |
| DIMENSIONS:<br>mm [INCHES]                                     |  | CHK<br>D. BOSSI<br>14-NOV-2001   | NAME<br>A-100 HEADER ASSEMBLY, SURFACE MOUNT,<br>FRICTION LOCK, .025 SQUARE STRAIGHT<br>POST, .000030 GOLD |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                      |  | APVD<br>D. BOSSI<br>14-NOV-2001  | PRODUCT SPEC                                                                                               |  |
| 0 PLC ±<br>1 PLC ±<br>2 PLC ±0.13 (.005)<br>3 PLC ±<br>4 PLC ± |  | APPLICATION SPEC                 |                                                                                                            |  |
| MATERIAL : 4                                                   |  | SIZE : 100779                    |                                                                                                            |  |
| FINISH : 4                                                     |  | WEIGHT : -                       |                                                                                                            |  |
| CUSTOMER DRAWING                                               |  | SCALE : N/A                      |                                                                                                            |  |
|                                                                |  | SHEET 1 OF 1                     |                                                                                                            |  |
|                                                                |  | REV P2                           |                                                                                                            |  |

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