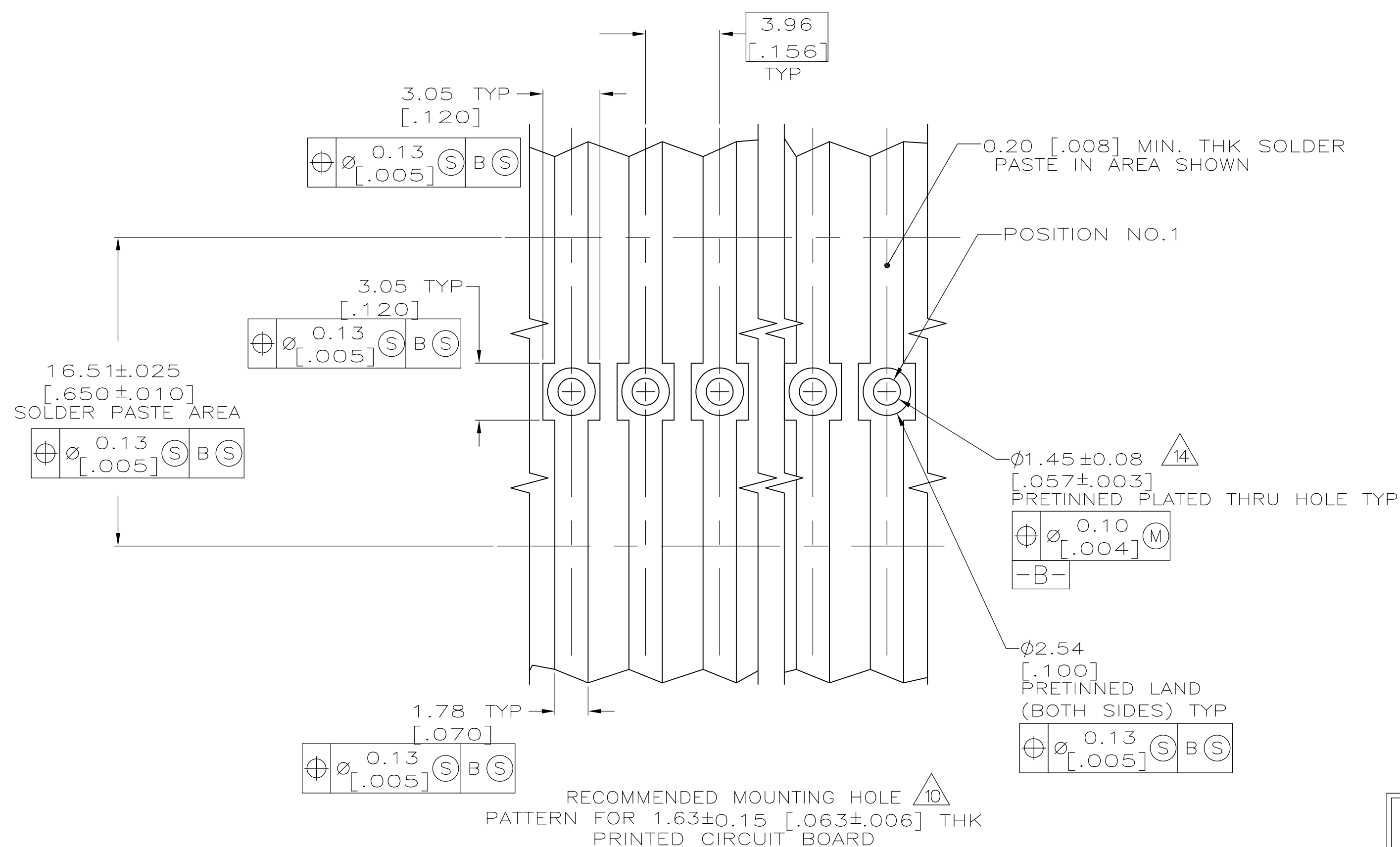
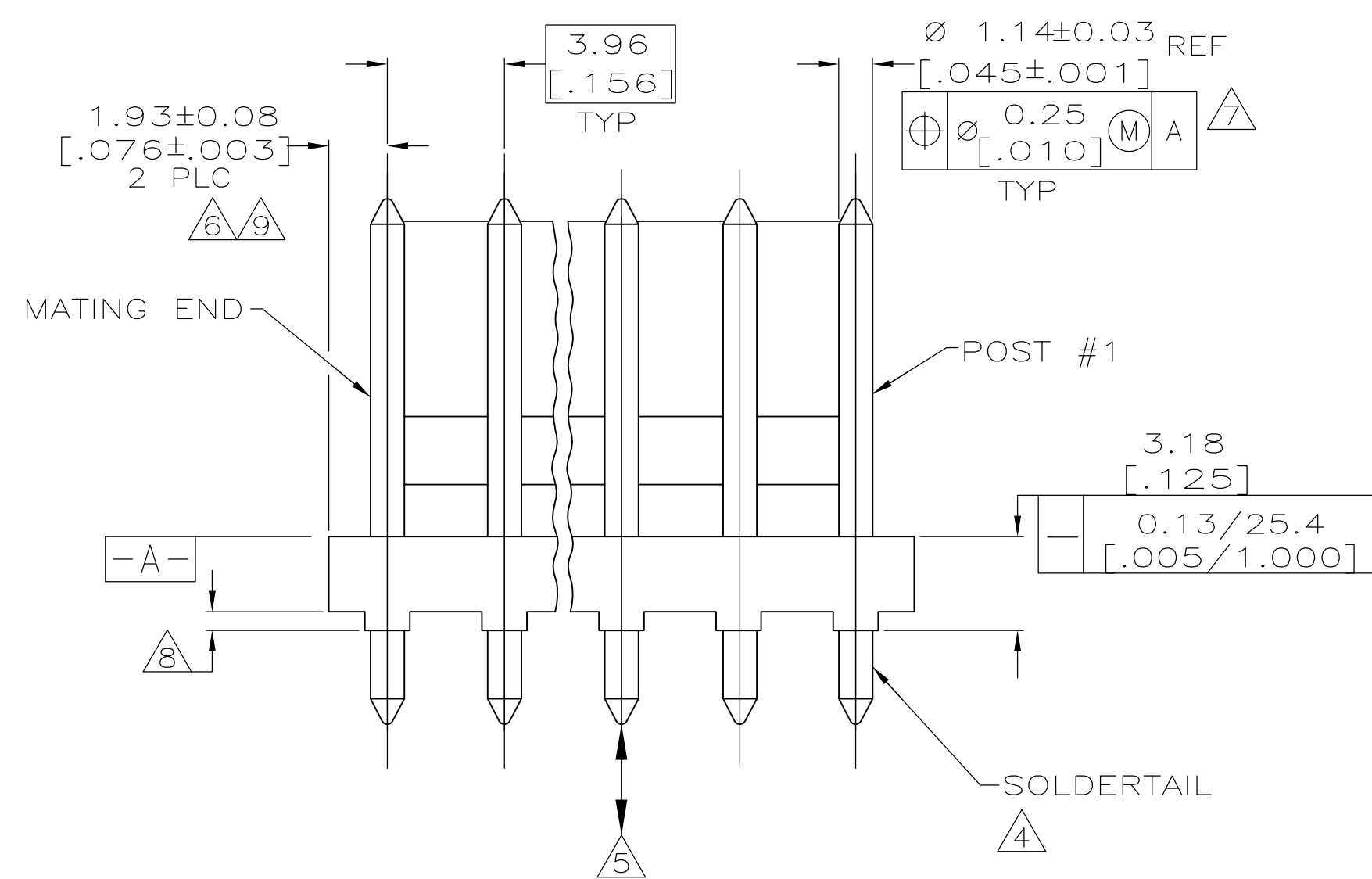
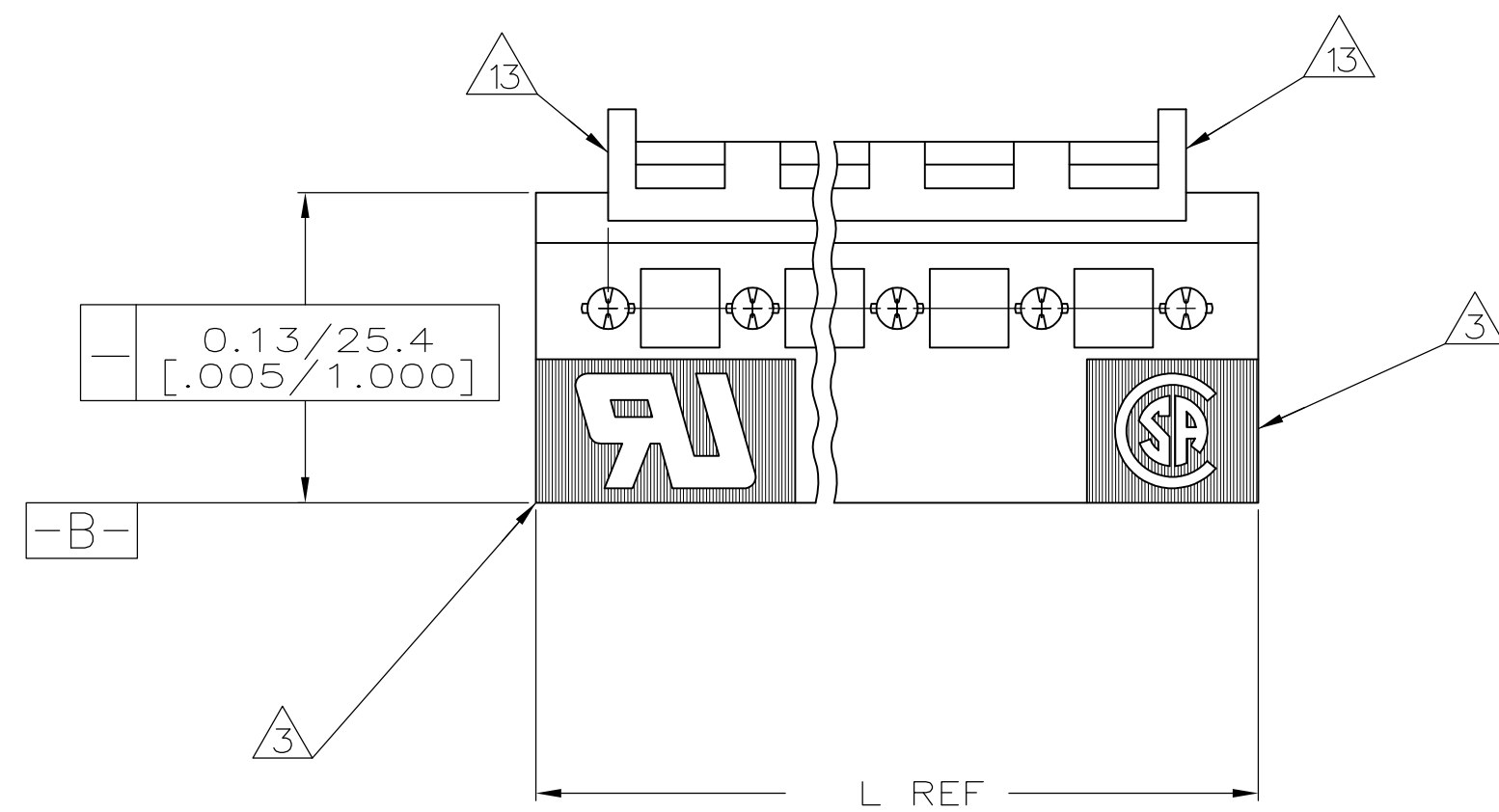




- |  |   |                           |         |    |    |
|--|---|---------------------------|---------|----|----|
|  | C | REVISED PER ECO-11-014391 | 19OCT11 | KH | SM |
|--|---|---------------------------|---------|----|----|

  - ① MATERIAL  
HOUSING: POLYAMIDE NYLON,UL94V-O.  
POST: COPPER ALLOY
  - ② FINISH  
HOUSING: BLACK  
POST : SEE NOTES 15 AND 16 FOR PLATING INFORMATION.
  - 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 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 -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 DIMENSION APPLY TO COMPONENT SIDE OF BOARD UNLESS OTHERWISE NOTED.

1.1. 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 ONE HOLE MAY BE UNDERSIZED (1.17-1.3 [.046-.051]) FOR BOARD RETENTION.
  - ⑮ 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.
  - ⑯ PLATING: NICKEL UNDERPLATE WITH 0.0038 [.00015] MIN THICK OVERPLATE. OVERPLATE IS 93/7 TIN-LEAD FOR -2 THRU -12 & MATTE TIN FOR -32 THRU -42.

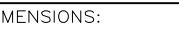
17. MAXIMUM TEMPERATURE EXPOSURE DURING REFLOW SOLDERING NOT TO EXCEED 280° C (536° F).

⑰ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|          |       |         |    |            |
|----------|-------|---------|----|------------|
| 4&5, 8&9 | 47.42 | [1.867] | 12 | 4-647649-2 |
| 4&5, 7&8 | 43.46 | [1.711] | 11 | 4-647649-1 |
| 3&4, 7&8 | 39.50 | [1.555] | 10 | 4-647649-0 |
| 3&4, 6&7 | 35.53 | [1.399] | 9  | 3-647649-9 |
| 4&5      | 31.57 | [1.243] | 8  | 3-647649-8 |
| 4&5      | 27.61 | [1.087] | 7  | 3-647649-7 |
| 3&4      | 23.65 | [.931]  | 6  | 3-647649-6 |
| NONE     | 19.69 | [.775]  | 5  | 3-647649-5 |
| NONE     | 15.72 | [.619]  | 4  | 3-647649-4 |
| NONE     | 11.76 | [.463]  | 3  | 3-647649-3 |
| NONE     | 7.80  | [.307]  | 2  | 3-647649-2 |

SUPERCEDED

|          |       |         |    |                       |
|----------|-------|---------|----|-----------------------|
| 4&5, 8&9 | 47.42 | [1.867] | 12 | <del>↑=647649=2</del> |
| 4&5, 7&8 | 43.46 | [1.711] | 11 | <del>↑=647649=1</del> |
| 3&4, 7&8 | 39.50 | [1.555] | 10 | <del>↑=647649=0</del> |
| 3&4, 6&7 | 35.53 | [1.399] | 9  | <del>—647649=9—</del> |
| 4&5      | 31.57 | [1.243] | 8  | <del>—647649=8—</del> |
| 4&5      | 27.61 | [1.087] | 7  | <del>—647649=7—</del> |
| 3&4      | 23.65 | [.931]  | 6  | <del>—647649=6—</del> |
| NONE     | 19.69 | [.775]  | 5  | <del>—647649=5—</del> |
| NONE     | 15.72 | [.619]  | 4  | <del>—647649=4—</del> |
| NONE     | 11.76 | [.463]  | 3  | <del>—647649=3—</del> |
| NONE     | 7.80  | [.307]  | 2  | <del>—647649=2—</del> |

|                                                                                                                                                                             |        |                                        |           |                                                                                                                   |                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                      |        | OWN<br>K. WHITAKER                     | 23FEB2004 |  TE Connectivity             |                                                                                              |
|                                                                                                                                                                             |        | D. BOSSI                               | 23-FEB-04 |                                                                                                                   |                                                                                              |
| DIMENSIONS:<br>mm [INCHES]                                                                                                                                                  |        | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | NAME<br><br>MTA-156 ASSEMBLY,HIGH TEMP,STRAIGHT<br>.045 ROUND POST, .00015 GOLD PLATED,<br>WITHOUT RETENTION PEGS | SIZE<br>CAD CODE<br>DRAWING NO<br>RESTRICTED TO                                              |
|                                                                                        |        | APPROD<br>D. BOSSI                     |           |                                                                                                                   |                                                                                              |
|                                                                                                                                                                             |        | PRODUCT SPEC                           |           |                                                                                                                   |                                                                                              |
|                                                                                                                                                                             |        | APPLICATION SPEC                       |           |                                                                                                                   |                                                                                              |
|                                                                                                                                                                             |        | —                                      |           |                                                                                                                   |                                                                                              |
| MATERIAL                                                                                                                                                                    | FINISH | WEIGHT                                 | A1 00779  |                                                                                                                   |  647649 |
|   |        | CUSTOMER DRAWING                       |           | SCALE 5:1                                                                                                         | SHEET 1 OF 1                                                                                 |
|                                                                                                                                                                             |        |                                        |           | REV —                                                                                                             |                                                                                              |

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