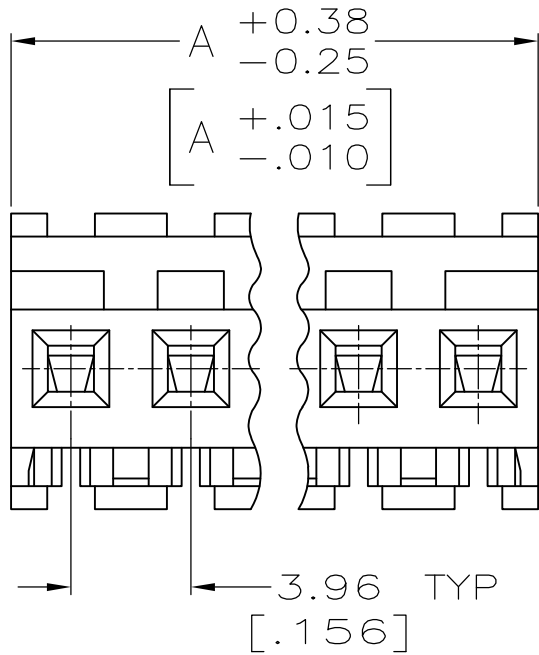
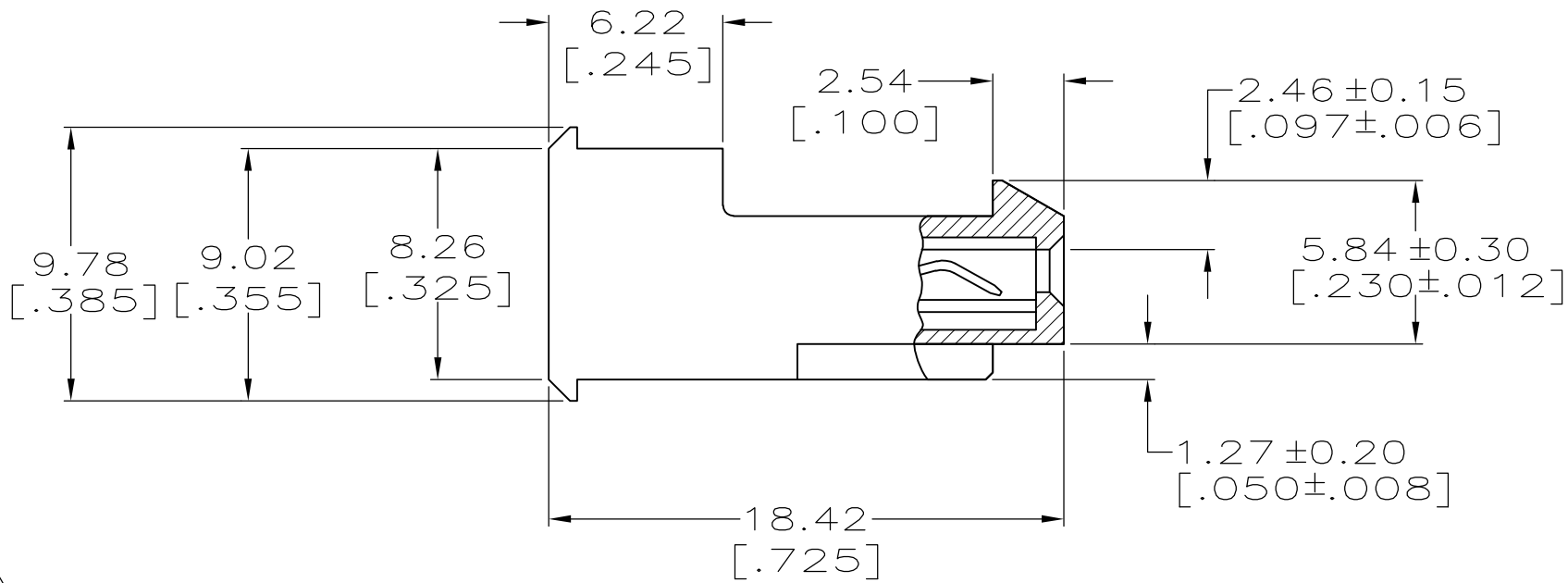
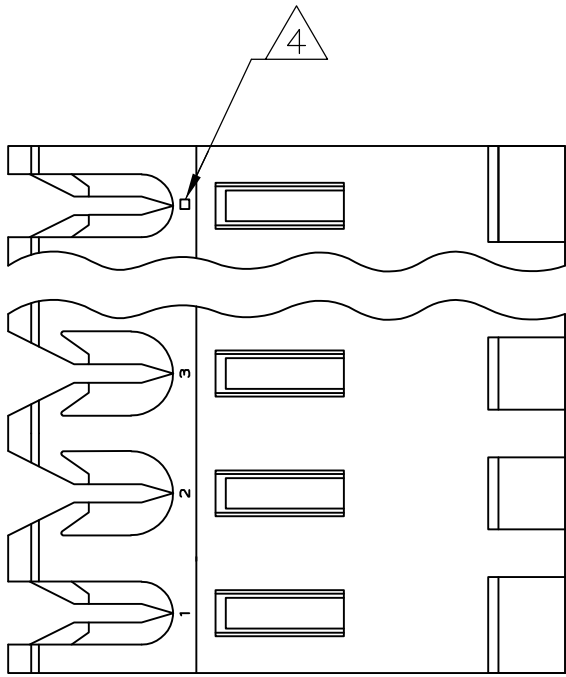


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| CM  | 0    |           | K2  | REVISED PER ECR-15-006687 | 26OCT2015 | NK  | NL   |



1 MATERIAL:  
CONNECTOR - NYLON UL94V-2 (RED).  
CONTACTS - 0.30[.012] THICK COPPER ALLOY.  
PLATING - 0.00038[.000015] GOLD THK OR 0.00008[.000003] MIN THK GOLD FLASH OVER 0.00030[.000012] THK PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION. IN CONTACT AREA. 0.00203[.000080] MIN THICKNESS BRIGHT TIN-LEAD IN SLOT AREA FOR 641170-2 THRU 2-641170-4 OR MATTE WHISKER MITIGATED TIN IN SLOT AREA FOR 3-641170-2 THRU 5-641170-4 OVER NICKEL UNDERPLATE.

2 CONTACTS ACCEPT 22 AWG WIRE WITH 2.41[.095] MAX INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 1.14±0.03[.045±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: FEED-THRU WITH LOCKING RAMP.

7 NOTE DELETED.

8 NOTE DELETED.

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

|          |       |         |    |                       |
|----------|-------|---------|----|-----------------------|
| TIN      | 95.10 | [3.744] | 24 | 5-641170-4            |
|          | 91.14 | [3.588] | 23 | 5-641170-3            |
|          | 87.17 | [3.432] | 22 | 5-641170-2            |
|          | 83.21 | [3.276] | 21 | 5-641170-1            |
|          | 79.25 | [3.120] | 20 | 5-641170-0            |
|          | 75.29 | [2.964] | 19 | 4-641170-9            |
|          | 71.32 | [2.808] | 18 | 4-641170-8            |
|          | 67.36 | [2.652] | 17 | 4-641170-7            |
|          | 63.40 | [2.496] | 16 | 4-641170-6            |
|          | 59.44 | [2.340] | 15 | 4-641170-5            |
|          | 55.47 | [2.184] | 14 | 4-641170-4            |
|          | 51.51 | [2.028] | 13 | 4-641170-3            |
|          | 47.55 | [1.872] | 12 | 4-641170-2            |
|          | 43.59 | [1.716] | 11 | 4-641170-1            |
|          | 39.62 | [1.560] | 10 | 4-641170-0            |
|          | 35.66 | [1.404] | 9  | 3-641170-9            |
|          | 31.70 | [1.248] | 8  | 3-641170-8            |
|          | 27.74 | [1.092] | 7  | 3-641170-7            |
|          | 23.77 | [.936]  | 6  | 3-641170-6            |
|          | 19.81 | [.780]  | 5  | 3-641170-5            |
|          | 15.85 | [.624]  | 4  | 3-641170-4            |
|          | 11.89 | [.468]  | 3  | 3-641170-3            |
|          | 7.92  | [.312]  | 2  | 3-641170-2            |
| TIN-LEAD | 95.10 | [3.744] | 24 | <del>2-641170-4</del> |
|          | 91.14 | [3.588] | 23 | <del>2-641170-3</del> |
|          | 87.17 | [3.432] | 22 | <del>2-641170-2</del> |
|          | 83.21 | [3.276] | 21 | <del>2-641170-1</del> |
|          | 79.25 | [3.120] | 20 | <del>2-641170-0</del> |
|          | 75.29 | [2.964] | 19 | <del>1-641170-9</del> |
|          | 71.32 | [2.808] | 18 | <del>1-641170-8</del> |
|          | 67.36 | [2.652] | 17 | <del>1-641170-7</del> |
|          | 63.40 | [2.496] | 16 | <del>1-641170-6</del> |
|          | 59.44 | [2.340] | 15 | <del>1-641170-5</del> |
|          | 55.47 | [2.184] | 14 | <del>1-641170-4</del> |
|          | 51.51 | [2.028] | 13 | <del>1-641170-3</del> |
|          | 47.55 | [1.872] | 12 | <del>1-641170-2</del> |
|          | 43.59 | [1.716] | 11 | <del>1-641170-1</del> |
|          | 39.62 | [1.560] | 10 | <del>1-641170-0</del> |
|          | 35.66 | [1.404] | 9  | <del>641170-9</del>   |
|          | 31.70 | [1.248] | 8  | <del>641170-8</del>   |
|          | 27.74 | [1.092] | 7  | <del>641170-7</del>   |
|          | 23.77 | [.936]  | 6  | <del>641170-6</del>   |
|          | 19.81 | [.780]  | 5  | <del>641170-5</del>   |
|          | 15.85 | [.624]  | 4  | <del>641170-4</del>   |
|          | 11.89 | [.468]  | 3  | <del>641170-3</del>   |
|          | 7.92  | [.312]  | 2  | <del>641170-2</del>   |

SUPERCEDED

9

OBSOLETE  
SUPERCEDED  
OBSOLETE

|                                        |  |                              |                                                                                        |                      |  |  |
|----------------------------------------|--|------------------------------|----------------------------------------------------------------------------------------|----------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. LEWIS<br>3-11-96   | <div>TE Connectivity</div> <div>MTA-156 CONNECTOR ASSEMBLY,<br/>22 AWG, STANDARD</div> |                      |  |  |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>R. SWING<br>3-11-96   |                                                                                        |                      |  |  |
|                                        |  | APVD<br>-                    |                                                                                        | NAME                 |  |  |
|                                        |  | PRODUCT SPEC<br>108-1051     |                                                                                        |                      |  |  |
| MATERIAL<br>1                          |  | APPLICATION SPEC<br>114-1020 |                                                                                        | SIZE<br>A2           |  |  |
|                                        |  | WEIGHT<br>-                  |                                                                                        | CAGE CODE<br>00779   |  |  |
| FINISH<br>-                            |  | CUSTOMER DRAWING             |                                                                                        | DRAWING NO<br>641170 |  |  |
|                                        |  | SCALE<br>4:1                 |                                                                                        | SHEET<br>1 of 1      |  |  |
|                                        |  |                              |                                                                                        | REV<br>K2            |  |  |

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[3-641170-3](#)