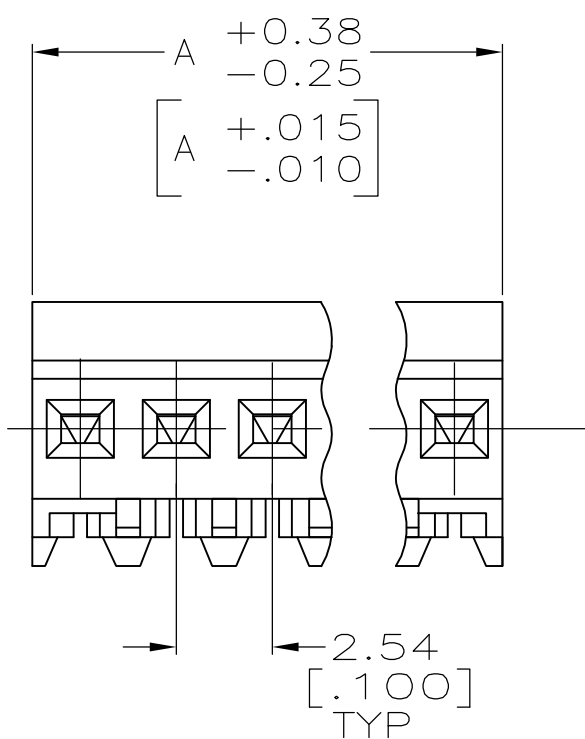
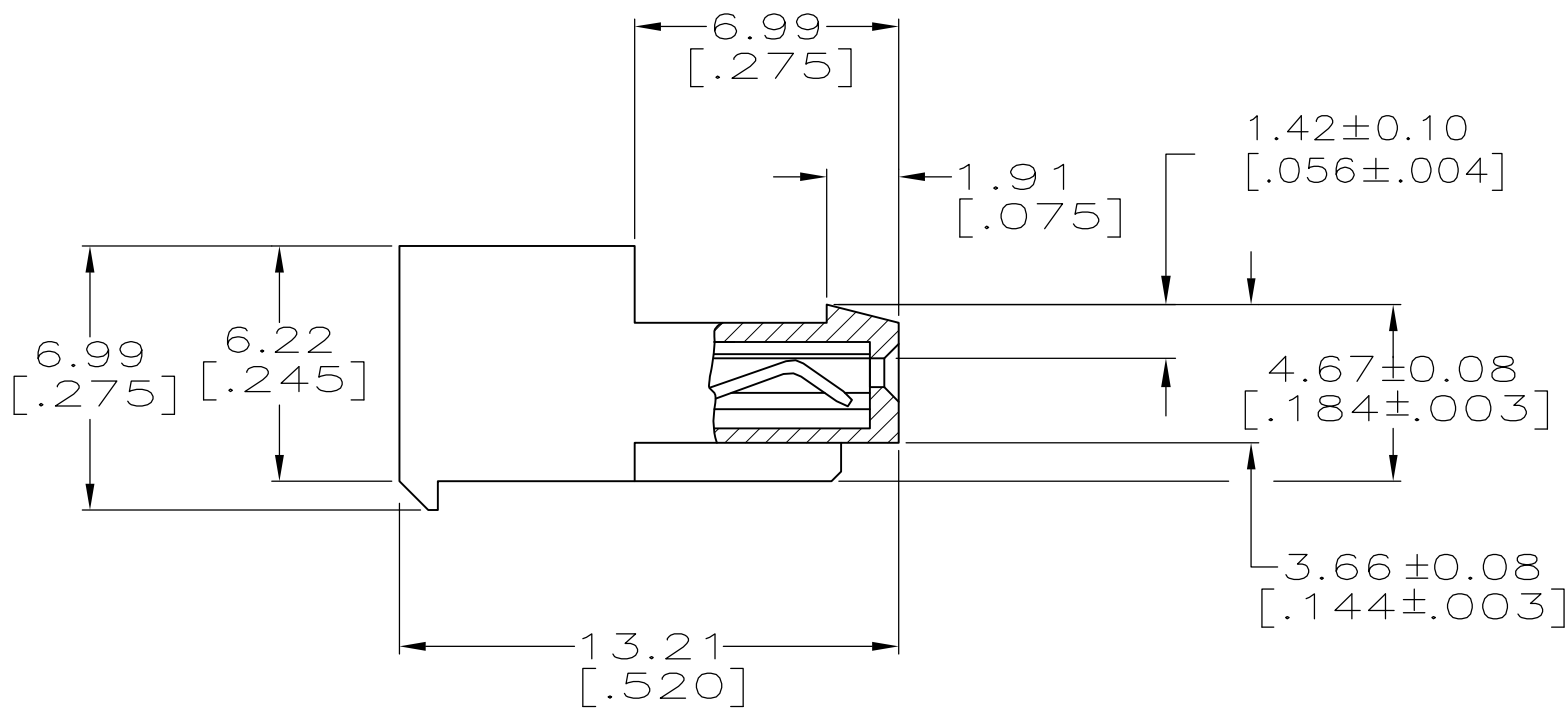
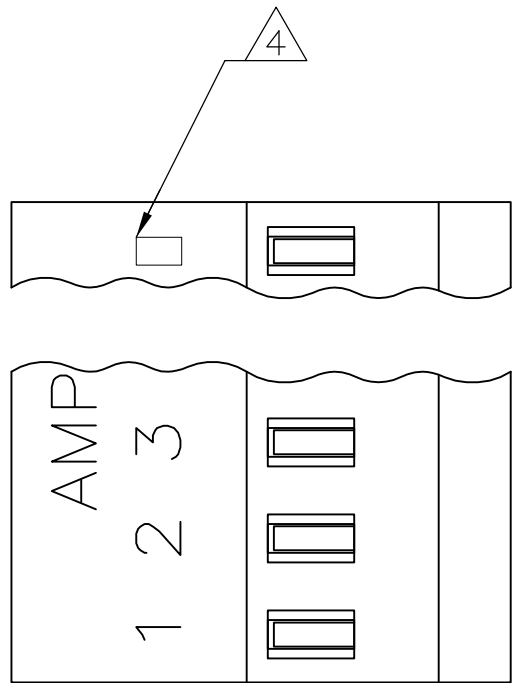


|     |      |           |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| LOC | DIST | REVISIONS |     |                           |           |     |      |
| CM  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | N2  | REVISED PER ECR-15-006687 | 26OCT2015 | NK  | NL   |

- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (RED).  
CONTACTS-0.30 [.012] THICK COPPER ALLOY  
0.00038 [.000015] GOLD OR 0.00038 [.000015]  
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,  
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT  
AREA WITH MATTE TIN FOR 641190-2 THRU  
2-641190-8, MATTE WHISKER MITIGATED TIN  
FOR 3-641190-2 THRU 5-641190-8 OVER  
NICKEL UNDERPLATE.
- 2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
- 3 CONTACTS MUST ACCEPT  $0.64 \pm 0.03$  [.025 $\pm$ .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: CLOSED END WITH LOCKING RAMP.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 8 OBSOLETE PART NUMBER



|        |       |         |            |            |
|--------|-------|---------|------------|------------|
| LEADER | 71.12 | [2.800] | 28         | 5-641190-8 |
|        | 66.04 | [2.600] | 27         | 5-641190-7 |
|        | 63.50 | [2.500] | 26         | 5-641190-6 |
|        | 63.50 | [2.500] | 25         | 5-641190-5 |
|        | 60.96 | [2.400] | 24         | 5-641190-4 |
|        | 58.42 | [2.300] | 23         | 5-641190-3 |
|        | 55.88 | [2.200] | 22         | 5-641190-2 |
|        | 53.34 | [2.100] | 21         | 5-641190-1 |
|        | 50.80 | [2.000] | 20         | 5-641190-0 |
|        | 48.26 | [1.900] | 19         | 4-641190-9 |
|        | 45.72 | [1.800] | 18         | 4-641190-8 |
|        | 43.18 | [1.700] | 17         | 4-641190-7 |
|        | 40.64 | [1.600] | 16         | 4-641190-6 |
|        | 38.10 | [1.500] | 15         | 4-641190-5 |
|        | 35.56 | [1.400] | 14         | 4-641190-4 |
|        | 33.02 | [1.300] | 13         | 4-641190-3 |
|        | 30.48 | [1.200] | 12         | 4-641190-2 |
|        | 27.94 | [1.100] | 11         | 4-641190-1 |
|        | 25.40 | [1.000] | 10         | 4-641190-0 |
|        | 22.86 | [.900]  | 9          | 3-641190-9 |
|        | 20.32 | [.800]  | 8          | 3-641190-8 |
|        | 17.78 | [.700]  | 7          | 3-641190-7 |
|        | 15.24 | [.600]  | 6          | 3-641190-6 |
|        | 12.70 | [.500]  | 5          | 3-641190-5 |
|        | 10.16 | [.400]  | 4          | 3-641190-4 |
|        | 7.62  | [.300]  | 3          | 3-641190-3 |
|        | 5.08  | [.200]  | 2          | 3-641190-2 |
|        |       | DIM A   | NO.OF POSN | ASSEMBLY   |

|                |       |         |    |            |          |
|----------------|-------|---------|----|------------|----------|
| CONTAINER LEAD | 71.12 | [2.800] | 28 | 2-641190-8 | 8        |
|                | 66.04 | [2.600] | 27 | 2-641190-7 | 7        |
|                | 63.50 | [2.500] | 26 | 2-641190-6 | 7        |
|                | 63.50 | [2.500] | 25 | 2-641190-5 | 7        |
|                | 60.96 | [2.400] | 24 | 2-641190-4 | 7        |
|                | 58.42 | [2.300] | 23 | 2-641190-3 | 8        |
|                | 55.88 | [2.200] | 22 | 2-641190-2 | 7        |
|                | 53.34 | [2.100] | 21 | 2-641190-1 | 7        |
|                | 50.80 | [2.000] | 20 | 2-641190-0 | 8        |
|                | 48.26 | [1.900] | 19 | 1-641190-9 | 7        |
|                | 45.72 | [1.800] | 18 | 1-641190-8 | 8        |
|                | 43.18 | [1.700] | 17 | 1-641190-7 | 7        |
|                | 40.64 | [1.600] | 16 | 1-641190-6 | 8        |
|                | 38.10 | [1.500] | 15 | 1-641190-5 | 8        |
|                | 35.56 | [1.400] | 14 | 1-641190-4 | 8        |
|                | 33.02 | [1.300] | 13 | 1-641190-3 | 8        |
|                | 30.48 | [1.200] | 12 | 1-641190-2 | 8        |
|                | 27.94 | [1.100] | 11 | 1-641190-1 | 8        |
|                | 25.40 | [1.000] | 10 | 1-641190-0 | 8        |
|                | 22.86 | [.900]  | 9  | — 641190-9 | 8        |
|                | 20.32 | [.800]  | 8  | — 641190-8 | 8        |
|                | 17.78 | [.700]  | 7  | — 641190-7 | 8        |
|                | 15.24 | [.600]  | 6  | — 641190-6 | 8        |
|                | 12.70 | [.500]  | 5  | — 641190-5 | 8        |
|                | 10.16 | [.400]  | 4  | — 641190-4 | 8        |
|                | 7.62  | [.300]  | 3  | — 641190-3 | 8        |
|                | 5.08  | [.200]  | 2  | — 641190-2 | 8        |
|                | DIM A |         |    | NO.OF POSN | ASSEMBLY |

|                                                                                       |  |                                                                                                                                 |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWG. NO. <b>S-000000</b><br>DATE <b>20-DEC-2004</b><br>CHK. <b>D. BOSSI</b><br>DATE <b>20-DEC-2004</b><br>APP'D <b>D. BOSSI</b> |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED:                                                                                      |  | NAME<br>MTA .100 CONNECTOR ASSEMBLY<br>22 AWG, STANDARD                                               |  |
|  |  | 0 P L C ±<br>1 P L C ±<br>2 P L C ±<br>3 P L C ± 0.13 [ .005]<br>4 P L C ±<br>ANGLES ±                                          |  | PRODUCT SPEC<br><b>108-1050</b><br>APPLICATION SPEC<br><b>114-1019</b>                                |  |
| MATERIAL                                                                              |  | FINISH                                                                                                                          |  | SIZE CAGE CODE DRAWING NO<br><b>A1 00779 C 641190</b>                                                 |  |
|  |  |                                            |  | RESTRICTED TO                                                                                         |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                 |  | SCALE 5:1 SHEET 1 OF 1 REV N2                                                                         |  |