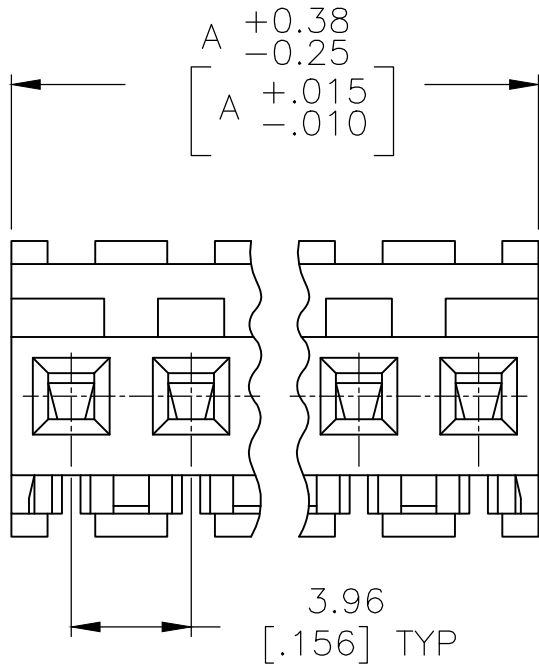
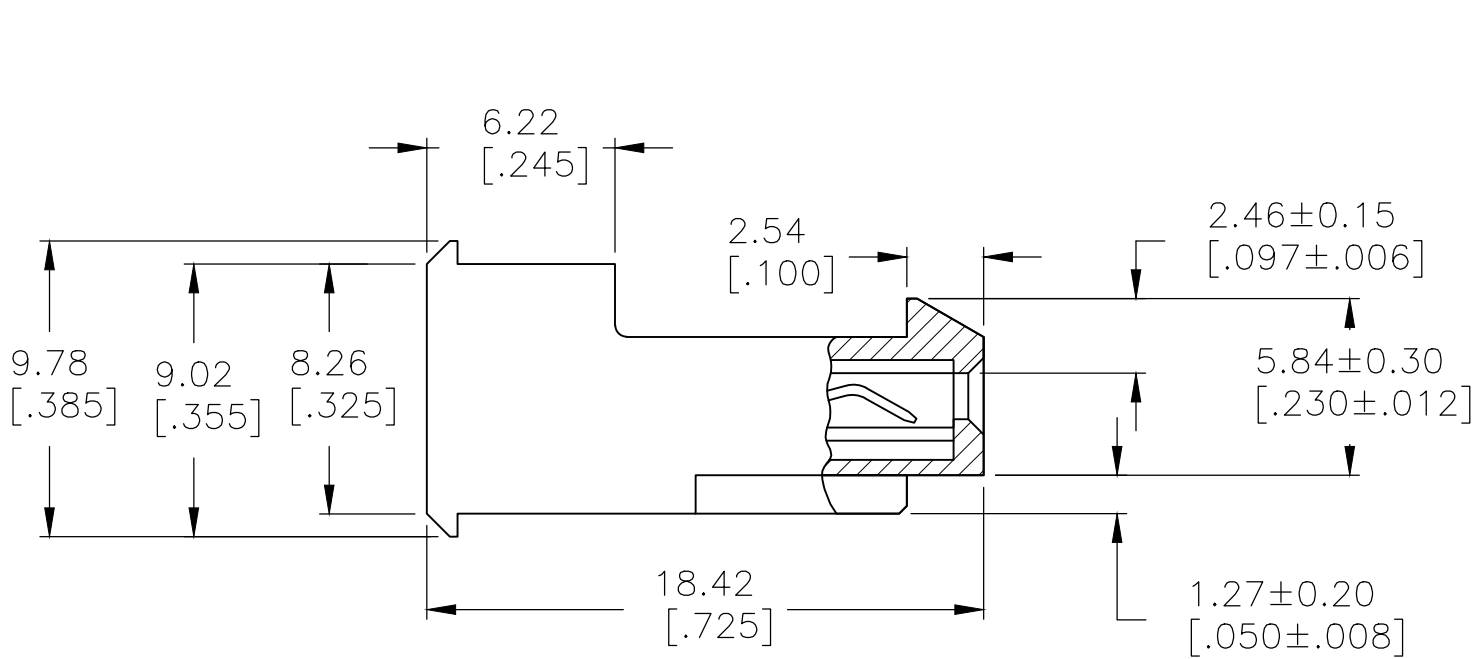
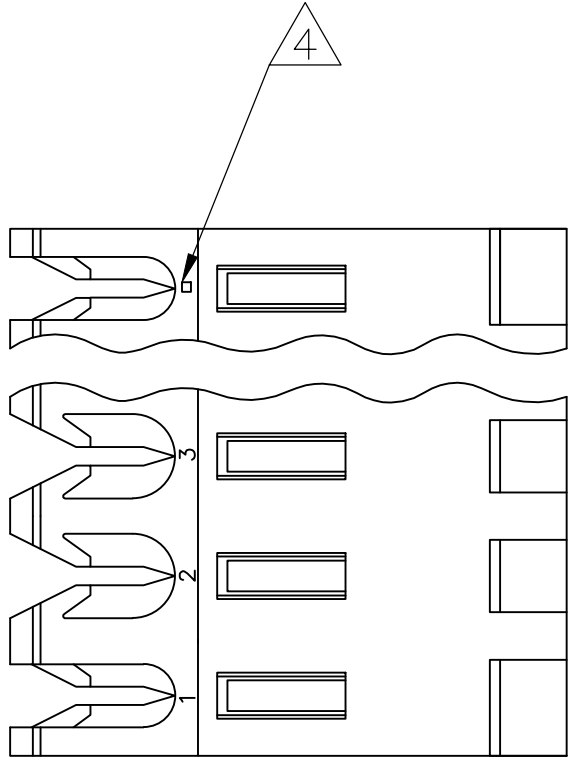


| LOC | DIST | REVISIONS |     |               |           |     |      |
|-----|------|-----------|-----|---------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
| CM  | 00   |           | AA1 | ECO-14-012257 | 31OCT2014 | KR  | OC   |



1 MATERIAL: CONNECTOR – NYLON UL94V-2 (ORANGE).  
CONTACTS – 0.00076[.000030] GOLD THK OR 0.00008[.000003] MIN THK  
GOLD FLASH OVER 0.00068[.000027] THK PALLADIUM NICKEL,  
PER TE CONNECTIVITY’S DISCRETION. IN CONTACT  
AREA WITH BRIGHT TIN-LEAD FOR -2 THRU -28,  
MATTE WHISKER MITIGATED TIN FOR 3-641227-2  
THRU 5-641227-4 OVER NICKEL UNDERPLATE.

2 CONTACTS ACCEPT 18 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 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|            |       |         |                   |            |
|------------|-------|---------|-------------------|------------|
| SUPERCEDED | 95.10 | [3.744] | 24                | 5-641227-4 |
|            | 91.14 | [3.588] | 23                | 5-641227-3 |
|            | 87.17 | [3.432] | 22                | 5-641227-2 |
|            | 83.21 | [3.276] | 21                | 5-641227-1 |
|            | 79.25 | [3.120] | 20                | 5-641227-0 |
|            | 75.29 | [2.964] | 19                | 4-641227-9 |
|            | 71.32 | [2.808] | 18                | 4-641227-8 |
|            | 67.36 | [2.652] | 17                | 4-641227-7 |
|            | 63.40 | [2.496] | 16                | 4-641227-6 |
|            | 59.44 | [2.340] | 15                | 4-641227-5 |
|            | 55.47 | [2.184] | 14                | 4-641227-4 |
|            | 51.51 | [2.028] | 13                | 4-641227-3 |
|            | 47.55 | [1.872] | 12                | 4-641227-2 |
|            | 43.59 | [1.716] | 11                | 4-641227-1 |
|            | 39.62 | [1.560] | 10                | 4-641227-0 |
|            | 35.66 | [1.404] | 9                 | 3-641227-9 |
|            | 31.70 | [1.248] | 8                 | 3-641227-8 |
|            | 27.74 | [1.092] | 7                 | 3-641227-7 |
|            | 23.77 | [.936]  | 6                 | 3-641227-6 |
|            | 19.81 | [.780]  | 5                 | 3-641227-5 |
|            | 15.85 | [.624]  | 4                 | 3-641227-4 |
|            | 11.89 | [.468]  | 3                 | 3-641227-3 |
|            | 7.92  | [.312]  | 2                 | 3-641227-2 |
|            | 95.10 | [3.744] | 24                | 2-641227-4 |
|            | 91.14 | [3.588] | 23                | 2-641227-3 |
|            | 87.17 | [3.432] | 22                | 2-641227-2 |
|            | 83.21 | [3.276] | 21                | 2-641227-1 |
|            | 79.25 | [3.120] | 20                | 2-641227-0 |
|            | 75.29 | [2.964] | 19                | 1-641227-9 |
|            | 71.32 | [2.808] | 18                | 1-641227-8 |
|            | 67.36 | [2.652] | 17                | 1-641227-7 |
|            | 63.40 | [2.496] | 16                | 1-641227-6 |
|            | 59.44 | [2.340] | 15                | 1-641227-5 |
|            | 55.47 | [2.184] | 14                | 1-641227-4 |
|            | 51.51 | [2.028] | 13                | 1-641227-3 |
|            | 47.55 | [1.872] | 12                | 1-641227-2 |
|            | 43.59 | [1.716] | 11                | 1-641227-1 |
|            | 39.62 | [1.560] | 10                | 1-641227-0 |
|            | 35.66 | [1.404] | 9                 | 641227-9   |
|            | 31.70 | [1.248] | 8                 | 641227-8   |
|            | 27.74 | [1.092] | 7                 | 641227-7   |
|            | 23.77 | [.936]  | 6                 | 641227-6   |
|            | 19.81 | [.780]  | 5                 | 641227-5   |
|            | 15.85 | [.624]  | 4                 | 641227-4   |
|            | 11.89 | [.468]  | 3                 | 641227-3   |
|            | 7.92  | [.312]  | 2                 | 641227-2   |
| DIM A      |       |         | NO OF<br>CIRCUITS | PART NO    |

|                                                                                       |  |                  |           |                                                                                                       |  |           |  |            |  |               |  |
|---------------------------------------------------------------------------------------|--|------------------|-----------|-------------------------------------------------------------------------------------------------------|--|-----------|--|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B. LEWIS  | 12 FEB 91 |  TE Connectivity |  |           |  |            |  |               |  |
|                                                                                       |  | CHK<br>R. SWING  | 12 FEB 91 |                                                                                                       |  |           |  |            |  |               |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | APVD<br>D. CLARK | 20 FEB 91 | NAME                                                                                                  |  |           |  |            |  |               |  |
|  |  | PRODUCT SPEC     |           | MTA-156 CONNECTOR ASSEMBLY,<br>18 AWG, STANDARD                                                       |  |           |  |            |  |               |  |
|                                                                                       |  | 108-1051         |           |                                                                                                       |  |           |  |            |  |               |  |
|                                                                                       |  | APPLICATION SPEC |           | SIZE                                                                                                  |  | CAGE CODE |  | DRAWING NO |  | RESTRICTED TO |  |
|                                                                                       |  | 114-1020         |           |                                                                                                       |  |           |  |            |  |               |  |
| MATERIAL                                                                              |  | WEIGHT           |           | A2                                                                                                    |  | 00779     |  | C=641227   |  | —             |  |
|  |  | FINISH           |           |                  |  |           |  |            |  |               |  |
| CUSTOMER DRAWING                                                                      |  |                  |           |                                                                                                       |  | SCALE     |  | 4:1        |  | SHEET         |  |
|                                                                                       |  |                  |           |                                                                                                       |  |           |  | 1 of 1     |  | REV           |  |
|                                                                                       |  |                  |           |                                                                                                       |  |           |  |            |  | AA1           |  |

METRIC