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| LOC | DIST | REVISIONS   |                           |           |       |
|-----|------|-------------|---------------------------|-----------|-------|
| P   | LTR  | DESCRIPTION | DATE                      | DWN       | APVD  |
| CM  | 00   | F           | REVISED PER ECR-20-000814 | 26MAY2020 | PC SW |

1 MATERIAL: CONNECTOR - NYLON UL94V-2 (ORANGE).  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY  
 (BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK  
 FOR CONTACTS 644465-2 THRU 1-644465-4)  
 (WHISKER MITIGATED TIN 0.00203[.000080] MIN  
 THICKNESS OVER NICKEL UNDERPLATE FOR  
 3-644465-2 THRU 4-644465-4).

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 AND POLARIZING TAB.

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

8 OBSOLETE PARTS

|              |            |              |    |            |
|--------------|------------|--------------|----|------------|
| 55.47[2.184] | 14         | 4-644465-4   |    |            |
| 51.51[2.028] | 13         | 4-644465-3   |    |            |
| 47.55[1.872] | 12         | 4-644465-2   |    |            |
| 43.59[1.716] | 11         | 4-644465-1   |    |            |
| 39.62[1.560] | 10         | 4-644465-0   |    |            |
| 35.66[1.404] | 9          | 3-644465-9   |    |            |
| 31.70[1.248] | 8          | 3-644465-8   |    |            |
| 27.74[1.092] | 7          | 3-644465-7   |    |            |
| 23.77[.936]  | 6          | 3-644465-6   |    |            |
| 19.81[.780]  | 5          | 3-644465-5   |    |            |
| 15.85[.624]  | 4          | 3-644465-4   |    |            |
| 11.89[.468]  | 3          | 3-644465-3   |    |            |
| 7.92[.312]   | 2          | 3-644465-2   |    |            |
| 7            | SUPERSEDED | 55.47[2.184] | 14 | 1-644465-4 |
| 7            | SUPERSEDED | 51.51[2.028] | 13 | 1-644465-3 |
| 8            | SUPERSEDED | 47.55[1.872] | 12 | 1-644465-2 |
|              |            | 43.59[1.716] | 11 | 1-644465-1 |
|              |            | 39.62[1.560] | 10 | 1-644465-0 |
|              |            | 35.66[1.404] | 9  | 644465-9   |
|              |            | 31.70[1.248] | 8  | 644465-8   |
|              |            | 27.74[1.092] | 7  | 644465-7   |
|              |            | 23.77[.936]  | 6  | 644465-6   |
|              |            | 19.81[.780]  | 5  | 644465-5   |
|              |            | 15.85[.624]  | 4  | 644465-4   |
|              |            | 11.89[.468]  | 3  | 644465-3   |
|              |            | 7.92[.312]   | 2  | 644465-2   |

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| DIM A | NO. OF CIRCUITS | PART NO. |
|-------|-----------------|----------|
|-------|-----------------|----------|

|  |                     |                                  |   |                    |
|--|---------------------|----------------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                     | DWN<br>S. CARPENTER<br>14AUG2003 |   |                    |
| DIMENSIONS:<br>mm [INCHES]             |                     | CHK<br>D. BOSSI<br>14AUG2003     |   |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |                     | APVD<br>D. BOSSI<br>14AUG2003    | NAME<br>MTA 156 CONNECTOR ASSEMBLY,<br>18 AWG, STANDARD |                    |
| 0 PLC ± -                              | 1 PLC ± -           | PRODUCT SPEC<br>108-1051         | SIZE<br>A2  | CAGE CODE<br>00779 |
| 2 PLC ± -                              | 3 PLC ± 0.13 [.005] | APPLICATION SPEC<br>114-1020     | DRAWING NO<br>C-644465                                  | RESTRICTED TO<br>- |
| 4 PLC ± -                              | ANGLES ± -          | WEIGHT                           | SCALE<br>4:1  | SHEET<br>1 OF 1    |
| MATERIAL<br>1                          | FINISH<br>1         | CUSTOMER DRAWING                 | REV<br>F  |                    |

1471-9 (3/11)

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