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| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| CM  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      | T         |     | REVISED PER ECR-20-000541 | 15MAY2020 | PC  | SW   |

1 MATERIAL: CONNECTOR - NYLON UL94V-2. (RED)  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY  
 BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS  
 FOR 640620-2 THRU 2-640620-8.  
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER  
 NICKEL UNDERPLATE FOR 3-640620-2 THRU 5-640620-8.

2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX  
 INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 0.64#0.03[.025#0.762]  
 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

8 OBSOLETE PARTS

| YES | DIM A        | NO. OF CIRCUITS | PART NO.   |
|-----|--------------|-----------------|------------|
| YES | 71.12[2.800] | 28              | 5-640620-8 |
| YES | 68.58[2.700] | 27              | 5-640620-7 |
| YES | 66.04[2.600] | 26              | 5-640620-6 |
| YES | 63.50[2.500] | 25              | 5-640620-5 |
| YES | 60.96[2.400] | 24              | 5-640620-4 |
| YES | 58.42[2.300] | 23              | 5-640620-3 |
| YES | 55.88[2.200] | 22              | 5-640620-2 |
| YES | 53.34[2.100] | 21              | 5-640620-1 |
| YES | 50.80[2.000] | 20              | 5-640620-0 |
| YES | 48.26[1.900] | 19              | 4-640620-9 |
| YES | 45.72[1.800] | 18              | 4-640620-8 |
| YES | 43.18[1.700] | 17              | 4-640620-7 |
| YES | 40.64[1.600] | 16              | 4-640620-6 |
| YES | 38.10[1.500] | 15              | 4-640620-5 |
| YES | 35.56[1.400] | 14              | 4-640620-4 |
| YES | 33.02[1.300] | 13              | 4-640620-3 |
| YES | 30.48[1.200] | 12              | 4-640620-2 |
| YES | 27.94[1.100] | 11              | 4-640620-1 |
| YES | 25.40[1.000] | 10              | 4-640620-0 |
| YES | 22.86[.900]  | 9               | 3-640620-9 |
| YES | 20.32[.800]  | 8               | 3-640620-8 |
| YES | 17.78[.700]  | 7               | 3-640620-7 |
| YES | 15.24[.600]  | 6               | 3-640620-6 |
| YES | 12.70[.500]  | 5               | 3-640620-5 |
| YES | 10.16[.400]  | 4               | 3-640620-4 |
| YES | 7.62[.300]   | 3               | 3-640620-3 |
| YES | 5.08[.200]   | 2               | 3-640620-2 |

| NO | DIM A        | NO. OF CIRCUITS | PART NO.   | STATUS     | REASON |
|----|--------------|-----------------|------------|------------|--------|
| NO | 71.12[2.800] | 28              | 2-640620-8 | SUPERSEDED |        |
| NO | 68.58[2.700] | 27              | 2-640620-7 | SUPERSEDED |        |
| NO | 66.04[2.600] | 26              | 2-640620-6 | SUPERSEDED |        |
| NO | 63.50[2.500] | 25              | 2-640620-5 | SUPERSEDED |        |
| NO | 60.96[2.400] | 24              | 2-640620-4 | SUPERSEDED |        |
| NO | 58.42[2.300] | 23              | 2-640620-3 | SUPERSEDED |        |
| NO | 55.88[2.200] | 22              | 2-640620-2 | SUPERSEDED |        |
| NO | 53.34[2.100] | 21              | 2-640620-1 | SUPERSEDED |        |
| NO | 50.80[2.000] | 20              | 2-640620-0 | SUPERSEDED |        |
| NO | 48.26[1.900] | 19              | 1-640620-9 | SUPERSEDED | 8      |
| NO | 45.72[1.800] | 18              | 1-640620-8 | SUPERSEDED | 7      |
| NO | 43.18[1.700] | 17              | 1-640620-7 | OBSOLETE   |        |
| NO | 40.64[1.600] | 16              | 1-640620-6 | SUPERSEDED | 8      |
| NO | 38.10[1.500] | 15              | 1-640620-5 | SUPERSEDED | 7      |
| NO | 35.56[1.400] | 14              | 1-640620-4 | SUPERSEDED | 7      |
| NO | 33.02[1.300] | 13              | 1-640620-3 | SUPERSEDED | 8      |
| NO | 30.48[1.200] | 12              | 1-640620-2 | SUPERSEDED | 7      |
| NO | 27.94[1.100] | 11              | 1-640620-1 | SUPERSEDED | 7      |
| NO | 25.40[1.000] | 10              | 1-640620-0 | SUPERSEDED | 8      |
| NO | 22.86[.900]  | 9               | 640620-9   | SUPERSEDED | 8      |
| NO | 20.32[.800]  | 8               | 640620-8   | SUPERSEDED | 7      |
| NO | 17.78[.700]  | 7               | 640620-7   | SUPERSEDED | 7      |
| NO | 15.24[.600]  | 6               | 640620-6   | SUPERSEDED | 8      |
| NO | 12.70[.500]  | 5               | 640620-5   | SUPERSEDED | 8      |
| NO | 10.16[.400]  | 4               | 640620-4   | SUPERSEDED | 8      |
| NO | 7.62[.300]   | 3               | 640620-3   | SUPERSEDED | 8      |
| NO | 5.08[.200]   | 2               | 640620-2   | SUPERSEDED | 8      |

LEADFREE DIM A NO. OF CIRCUITS PART NO.

|   |                      |                                  |   |                    |
|---|----------------------|----------------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |                      | DWN<br>S. CARPENTER<br>11JUN2003 |   |                    |
| DIMENSIONS:<br>mm [INCHES]                |                      | CHK<br>D. BOSSI<br>11JUN2003     |   |                    |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                      | APVD<br>D. BOSSI<br>11JUN2003    | NAME<br>MTA 100 CONNECTOR ASSEMBLY,<br>22 AWG, STANDARD |                    |
| 0 PLC ± -                                 | 1 PLC ± -            | PRODUCT SPEC<br>108-1050         | SIZE<br>A2  | CAGE CODE<br>00779 |
| 2 PLC ± -                                 | 3 PLC ± 0.13 [0.005] | APPLICATION SPEC<br>114-1019     | DRAWING NO<br>C=640620                                  | RESTRICTED TO<br>- |
| 4 PLC ± -                                 | ANGLES ± -           | WEIGHT                           | SCALE<br>5:1  | SHEET<br>1 of 1    |
| MATERIAL<br>1                             | FINISH<br>1          | CUSTOMER DRAWING                 | REV<br>T  |                    |

1471-9 (3/11)

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