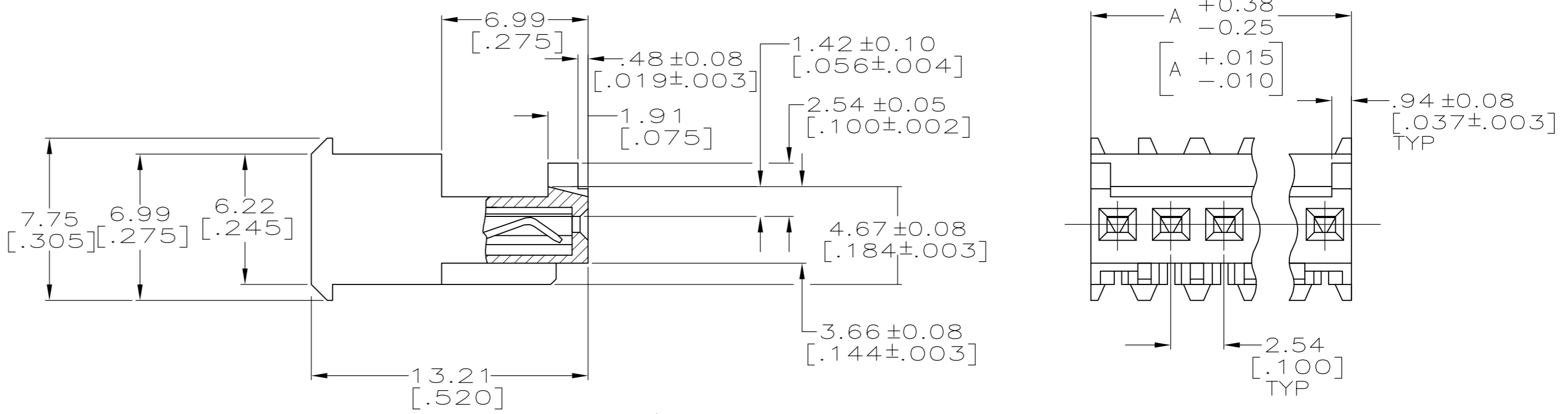
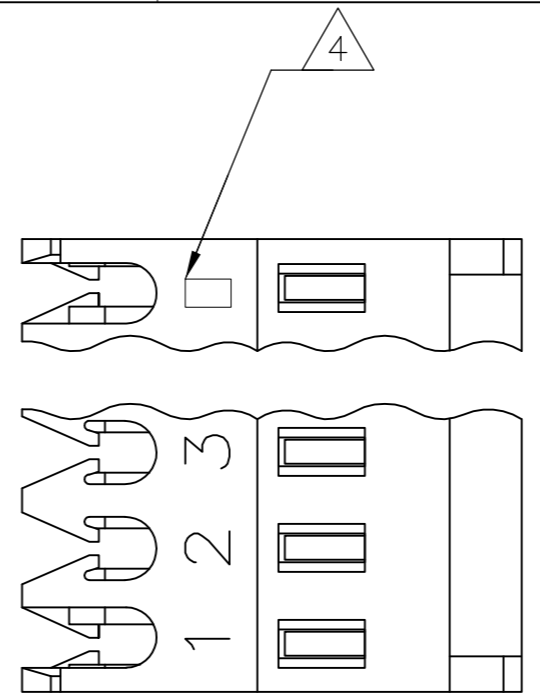


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| LOC |     | DIST        |               | REVISIONS |     |      |  |
|-----|-----|-------------|---------------|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |               | DATE      | DWN | APVD |  |
| CM  | 00  | E1          | ECO-14-010907 | 25AUG2014 | KR  | OC   |  |



| LEADFREE | DIM A        | NO. OF CIRCUITS | PART NO.   |
|----------|--------------|-----------------|------------|
| YES      | 38.10[1.500] | 15              | 4-644540-5 |
| YES      | 35.56[1.400] | 14              | 4-644540-4 |
| YES      | 33.02[1.300] | 13              | 4-644540-3 |
| YES      | 30.48[1.200] | 12              | 4-644540-2 |
| YES      | 27.94[1.100] | 11              | 4-644540-1 |
| YES      | 25.40[1.000] | 10              | 4-644540-0 |
| YES      | 22.86[.900]  | 9               | 3-644540-9 |
| YES      | 20.32[.800]  | 8               | 3-644540-8 |
| YES      | 17.78[.700]  | 7               | 3-644540-7 |
| YES      | 15.24[.600]  | 6               | 3-644540-6 |
| YES      | 12.70[.500]  | 5               | 3-644540-5 |
| YES      | 10.16[.400]  | 4               | 3-644540-4 |
| YES      | 7.62[.300]   | 3               | 3-644540-3 |
| YES      | 5.08[.200]   | 2               | 3-644540-2 |
| NO       | 38.10[1.500] | 15              | 1-644540-5 |
| NO       | 35.56[1.400] | 14              | 1-644540-4 |
| NO       | 33.02[1.300] | 13              | 1-644540-3 |
| NO       | 30.48[1.200] | 12              | 1-644540-2 |
| NO       | 27.94[1.100] | 11              | 1-644540-1 |
| NO       | 25.40[1.000] | 10              | 1-644540-0 |
| NO       | 22.86[.900]  | 9               | 644540-9   |
| NO       | 20.32[.800]  | 8               | 644540-8   |
| NO       | 17.78[.700]  | 7               | 644540-7   |
| NO       | 15.24[.600]  | 6               | 644540-6   |
| NO       | 12.70[.500]  | 5               | 644540-5   |
| NO       | 10.16[.400]  | 4               | 644540-4   |
| NO       | 7.62[.300]   | 3               | 644540-3   |
| NO       | 5.08[.200]   | 2               | 644540-2   |

SUPERSEDED BY 4-644540-5  
 SUPERSEDED BY 4-644540-3  
 SUPERSEDED BY 4-644540-0

- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS FOR 644540-2 THRU 2-644540-8.  
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER NICKEL UNDERPLATE FOR 3-644540-2 THRU 4-644540-5.
- 2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
- 3 CONTACTS MUST ACCEPT 0.64±0.03[.025±.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 WITH POLARIZING TAB.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|   |  |                                  |   |
|---|--|----------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN<br>S. CARPENTER<br>12JUN2003 | <b>STE</b> TE Connectivity                              |
| DIMENSIONS:<br>mm [INCHES]  |  | CHK<br>D. BOSSI<br>12JUN2003     |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ± 0.13 [.005]<br>4 PLC ±<br>ANGLES ± |  | APVD<br>D. BOSSI<br>12JUN2003    | NAME<br>MTA 100 CONNECTOR ASSEMBLY,<br>22 AWG, STANDARD |
| MATERIAL 1  |  | FINISH 1                         | SIZE<br>A2  |
| CAGE CODE<br>00779  |  | DRAWING NO.<br>C=644540          | RESTRICTED TO<br>-                                      |
| CUSTOMER DRAWING  |  | SCALE<br>5:1                     | SHEET<br>1 OF 1   |
|   |  | REV<br>E1                        |   |

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[TE Connectivity:](#)

[644540-5](#)