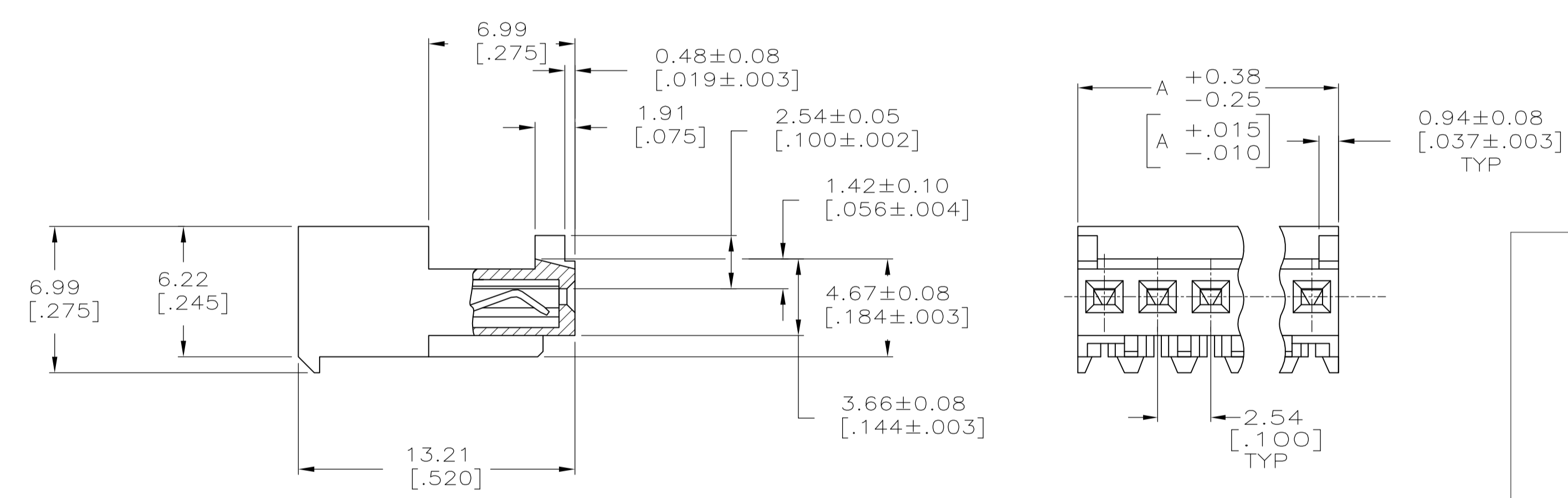
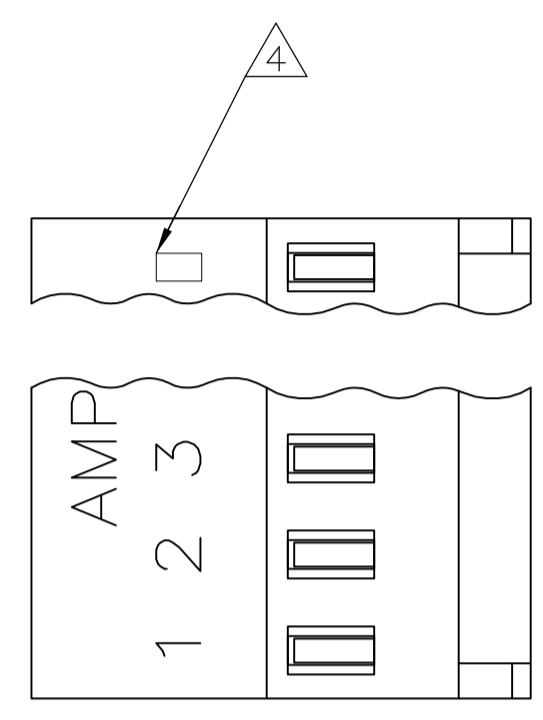


| LOC |     | DIST          |           | REVISIONS |      |  |  |
|-----|-----|---------------|-----------|-----------|------|--|--|
| P   | LTR | DESCRIPTION   | DATE      | DMN       | APVD |  |  |
| G   |     | ECR-13-008537 | 16SEP13   | M.T       | D.Z  |  |  |
| G1  |     | ECO-14-010907 | 10SEP2014 | KR        | OC   |  |  |



- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).  
CONTACTS - 0.30[.012] THICK COPPER ALLOY  
0.00076[.000030] GOLD OR 0.00076[.000030]  
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,  
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT  
AREA WITH MATTE TIN SLOT AREA FOR  
644042-2 THRU 2-644042-8 OR MATTE WHISKER  
MITIGATED TIN FOR 3-644042-2 THRU 5-644042-8  
OVER NICKEL UNDERPLATE.
- 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: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.
- 7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| DIM A         | NO.OF POSN | ASSEMBLY   |
|---------------|------------|------------|
| 71.12 [2.800] | 28         | 5-644042-8 |
| 68.58 [2.700] | 27         | 5-644042-7 |
| 66.04 [2.600] | 26         | 5-644042-6 |
| 63.50 [2.500] | 25         | 5-644042-5 |
| 60.96 [2.400] | 24         | 5-644042-4 |
| 58.42 [2.300] | 23         | 5-644042-3 |
| 55.88 [2.200] | 22         | 5-644042-2 |
| 53.34 [2.100] | 21         | 5-644042-1 |
| 50.80 [2.000] | 20         | 5-644042-0 |
| 48.26 [1.900] | 19         | 4-644042-9 |
| 45.72 [1.800] | 18         | 4-644042-8 |
| 43.18 [1.700] | 17         | 4-644042-7 |
| 40.64 [1.600] | 16         | 4-644042-6 |
| 38.10 [1.500] | 15         | 4-644042-5 |
| 35.56 [1.400] | 14         | 4-644042-4 |
| 33.02 [1.300] | 13         | 4-644042-3 |
| 30.48 [1.200] | 12         | 4-644042-2 |
| 27.94 [1.100] | 11         | 4-644042-1 |
| 25.40 [1.000] | 10         | 4-644042-0 |
| 22.86 [.900]  | 9          | 3-644042-9 |
| 20.32 [.800]  | 8          | 3-644042-8 |
| 17.78 [.700]  | 7          | 3-644042-7 |
| 15.24 [.600]  | 6          | 3-644042-6 |
| 12.70 [.500]  | 5          | 3-644042-5 |
| 10.16 [.400]  | 4          | 3-644042-4 |
| 7.62 [.300]   | 3          | 3-644042-3 |
| 5.08 [.200]   | 2          | 3-644042-2 |
| DIM A         | NO.OF POSN | ASSEMBLY   |

|               |            |            |
|---------------|------------|------------|
| 71.12 [2.800] | 28         | 5-644042-8 |
| 68.58 [2.700] | 27         | 5-644042-7 |
| 66.04 [2.600] | 26         | 5-644042-6 |
| 63.50 [2.500] | 25         | 5-644042-5 |
| 60.96 [2.400] | 24         | 5-644042-4 |
| 58.42 [2.300] | 23         | 5-644042-3 |
| 55.88 [2.200] | 22         | 5-644042-2 |
| 53.34 [2.100] | 21         | 5-644042-1 |
| 50.80 [2.000] | 20         | 5-644042-0 |
| 48.26 [1.900] | 19         | 4-644042-9 |
| 45.72 [1.800] | 18         | 4-644042-8 |
| 43.18 [1.700] | 17         | 4-644042-7 |
| 40.64 [1.600] | 16         | 4-644042-6 |
| 38.10 [1.500] | 15         | 4-644042-5 |
| 35.56 [1.400] | 14         | 4-644042-4 |
| 33.02 [1.300] | 13         | 4-644042-3 |
| 30.48 [1.200] | 12         | 4-644042-2 |
| 27.94 [1.100] | 11         | 4-644042-1 |
| 25.40 [1.000] | 10         | 4-644042-0 |
| 22.86 [.900]  | 9          | 4-644042-9 |
| 20.32 [.800]  | 8          | 4-644042-8 |
| 17.78 [.700]  | 7          | 4-644042-7 |
| 15.24 [.600]  | 6          | 4-644042-6 |
| 12.70 [.500]  | 5          | 4-644042-5 |
| 10.16 [.400]  | 4          | 4-644042-4 |
| 7.62 [.300]   | 3          | 4-644042-3 |
| 5.08 [.200]   | 2          | 4-644042-2 |
| DIM A         | NO.OF POSN | ASSEMBLY   |

|               |            |            |
|---------------|------------|------------|
| 71.12 [2.800] | 28         | 5-644042-8 |
| 68.58 [2.700] | 27         | 5-644042-7 |
| 66.04 [2.600] | 26         | 5-644042-6 |
| 63.50 [2.500] | 25         | 5-644042-5 |
| 60.96 [2.400] | 24         | 5-644042-4 |
| 58.42 [2.300] | 23         | 5-644042-3 |
| 55.88 [2.200] | 22         | 5-644042-2 |
| 53.34 [2.100] | 21         | 5-644042-1 |
| 50.80 [2.000] | 20         | 5-644042-0 |
| 48.26 [1.900] | 19         | 4-644042-9 |
| 45.72 [1.800] | 18         | 4-644042-8 |
| 43.18 [1.700] | 17         | 4-644042-7 |
| 40.64 [1.600] | 16         | 4-644042-6 |
| 38.10 [1.500] | 15         | 4-644042-5 |
| 35.56 [1.400] | 14         | 4-644042-4 |
| 33.02 [1.300] | 13         | 4-644042-3 |
| 30.48 [1.200] | 12         | 4-644042-2 |
| 27.94 [1.100] | 11         | 4-644042-1 |
| 25.40 [1.000] | 10         | 4-644042-0 |
| 22.86 [.900]  | 9          | 4-644042-9 |
| 20.32 [.800]  | 8          | 4-644042-8 |
| 17.78 [.700]  | 7          | 4-644042-7 |
| 15.24 [.600]  | 6          | 4-644042-6 |
| 12.70 [.500]  | 5          | 4-644042-5 |
| 10.16 [.400]  | 4          | 4-644042-4 |
| 7.62 [.300]   | 3          | 4-644042-3 |
| 5.08 [.200]   | 2          | 4-644042-2 |
| DIM A         | NO.OF POSN | ASSEMBLY   |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |   |
|--------|---|
| 0. PLC | ± |
| 1. PLC | ± |
| 2. PLC | ± |
| 3. PLC | ± |
| 4. PLC | ± |
| ANGLES | ± |

0.13 [.005]

MATERIAL: NYLON UL94V-2 (RED)

FINISH: 0.00076[.000030] GOLD OR 0.00076[.000030] TOTAL GOLD FLASH OVER PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, IN CONTACT AREA WITH MATTE TIN SLOT AREA FOR 644042-2 THRU 2-644042-8 OR MATTE WHISKER MITIGATED TIN FOR 3-644042-2 THRU 5-644042-8 OVER NICKEL UNDERPLATE.

APPROVED: D. ROSSI

DATE: 28-DEC-2004

NAME: MTA .100 CONNECTOR ASSEMBLY 22 AWG, STANDARD

SIZE: A1

SCALE: 5:1

SHEET: 1 OF 1

REV: G1

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