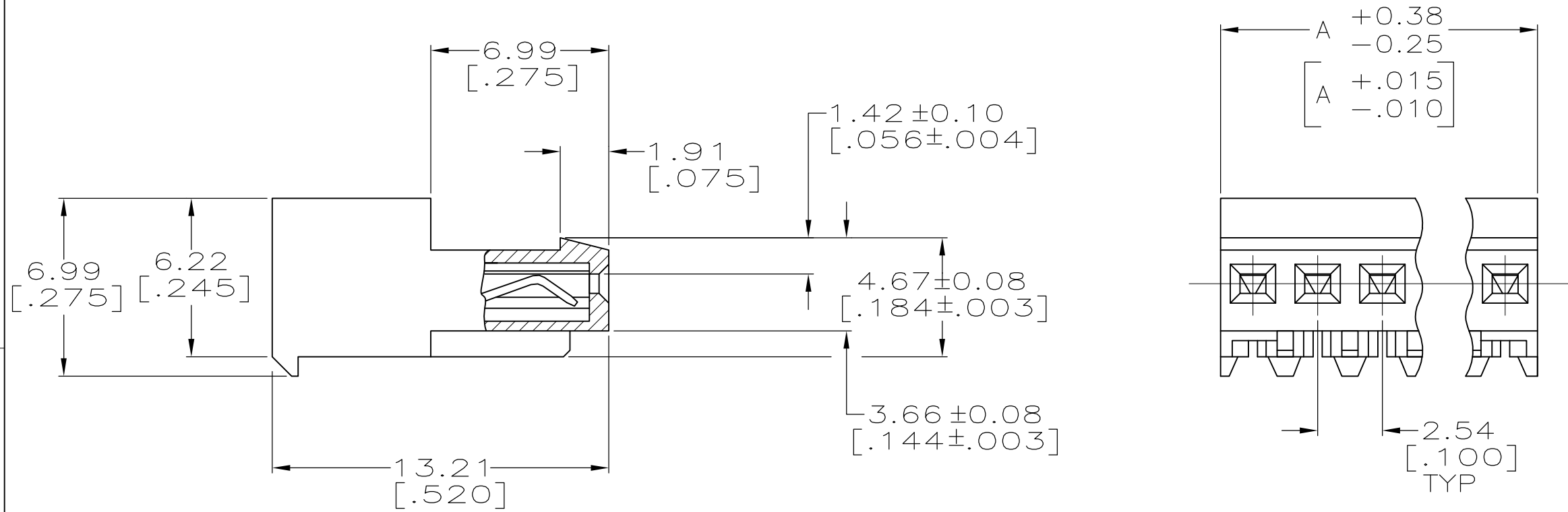
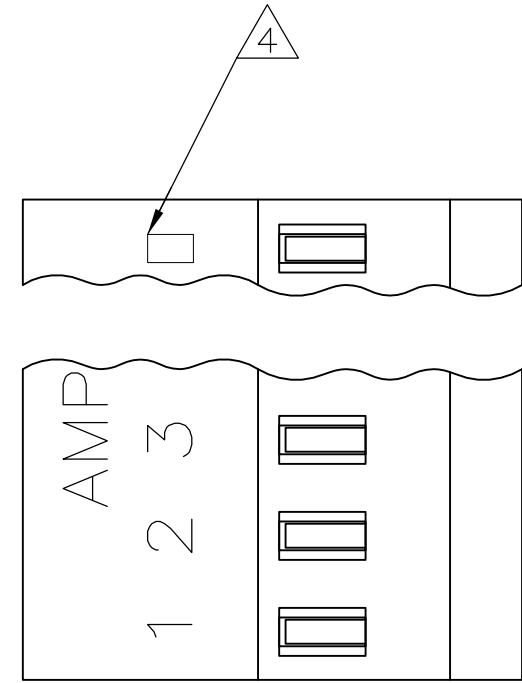


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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|----------------------------|--|-----------|-----|------|--|
| P | LTR | DESCRIPTION | | DATE | DWN | APVD | |
| | F | REVISION PER ECO-07-003724 | | 23FEB07 | KW | DB | |
| | F1 | REVISED PER ECO-09-021826 | | 08JAN10 | KK | AEG | |



| LEAD | LEAD FREE | NO. OF POSN | ASSEMBLY |
|-------|-----------|-------------|------------|
| 38.10 | [1.500] | 15 | 4-643498-5 |
| 35.56 | [1.400] | 14 | 4-643498-4 |
| 33.02 | [1.300] | 13 | 4-643498-3 |
| 30.48 | [1.200] | 12 | 4-643498-2 |
| 27.94 | [1.100] | 11 | 4-643498-1 |
| 25.40 | [1.000] | 10 | 4-643498-0 |
| 22.86 | [.900] | 9 | 3-643498-9 |
| 20.32 | [.800] | 8 | 3-643498-8 |
| 17.78 | [.700] | 7 | 3-643498-7 |
| 15.24 | [.600] | 6 | 3-643498-6 |
| 12.70 | [.500] | 5 | 3-643498-5 |
| 10.16 | [.400] | 4 | 3-643498-4 |
| 7.62 | [.300] | 3 | 3-643498-3 |
| 5.08 | [.200] | 2 | 3-643498-2 |

- ⚠ SUPERCEDED BY 4-643498-5
- ⚠ SUPERCEDED BY 4-643498-3
- ⚠ SUPERCEDED BY 4-643498-2
- ⚠ SUPERCEDED BY 4-643498-1
- ⚠ SUPERCEDED BY 3-643498-9
- ⚠ SUPERCEDED BY 3-643498-8
- ⚠ SUPERCEDED BY 3-643498-5

| CONTAINS LEAD | LEAD FREE | NO. OF POSN | ASSEMBLY |
|---------------|-----------|-------------|------------|
| 38.10 | [1.500] | 15 | 4-643498-5 |
| 35.56 | [1.400] | 14 | 4-643498-4 |
| 33.02 | [1.300] | 13 | 4-643498-3 |
| 30.48 | [1.200] | 12 | 4-643498-2 |
| 27.94 | [1.100] | 11 | 4-643498-1 |
| 25.40 | [1.000] | 10 | 4-643498-0 |
| 22.86 | [.900] | 9 | 4-643498-9 |
| 20.32 | [.800] | 8 | 4-643498-8 |
| 17.78 | [.700] | 7 | 4-643498-7 |
| 15.24 | [.600] | 6 | 4-643498-6 |
| 12.70 | [.500] | 5 | 4-643498-5 |
| 10.16 | [.400] | 4 | 4-643498-4 |
| 7.62 | [.300] | 3 | 4-643498-3 |
| 5.08 | [.200] | 2 | 4-643498-2 |

⚠ MATERIAL: CONNECTOR-NYLON UL94V-0 (BLACK)
 CONTACTS-0.30 [.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD 0.00203 [.000080] MIN THICK FOR CONTACTS
 643498-2 THRU 1-643498-5
 MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MIN THICK
 OVER 0.00076 [.000030] MIN THICK NICKEL FOR CONTACTS
 3-643498-2 THRU 4-643498-5

- 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.

⚠ 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.

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

METRIC

| | | | | |
|---|--|---------------------------------|--|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. HOOVER 03-DEC-2004 | tyco Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK D. BOSSI 03-DEC-2004 | NAME MTA .100 CONNECTOR ASSEMBLY 22 AWG, UL94V-0, SPECIAL | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 0.13 [.005] 3 PLC ± 4 PLC ± | | APVD D. BOSSI 03-DEC-2004 | PRODUCT SPEC 108-1050 | |
| MATERIAL ⚠ | | FINISH ⚠ | APPLICATION SPEC 114-1019 | SIZE A2 |
| | | | WEIGHT | CAGE CODE 00779 |
| | | | CUSTOMER DRAWING | DRAWING NO C=643498 |
| | | | | RESTRICTED TO |
| | | | SCALE 5:1 | SHEET 1 OF 1 |
| | | | | REV F1 |