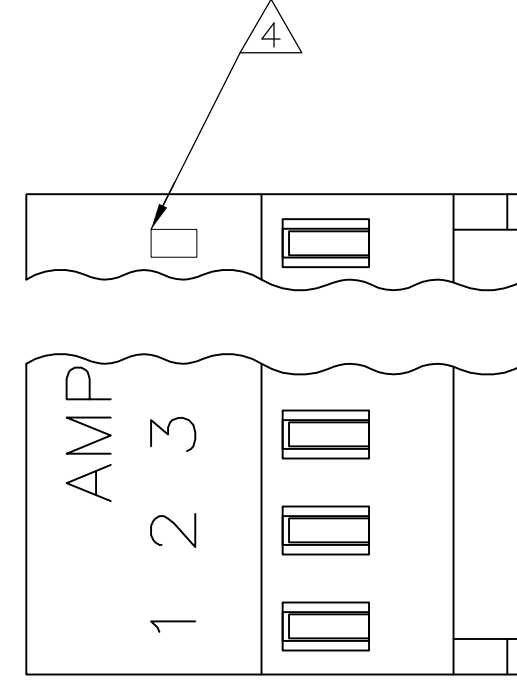


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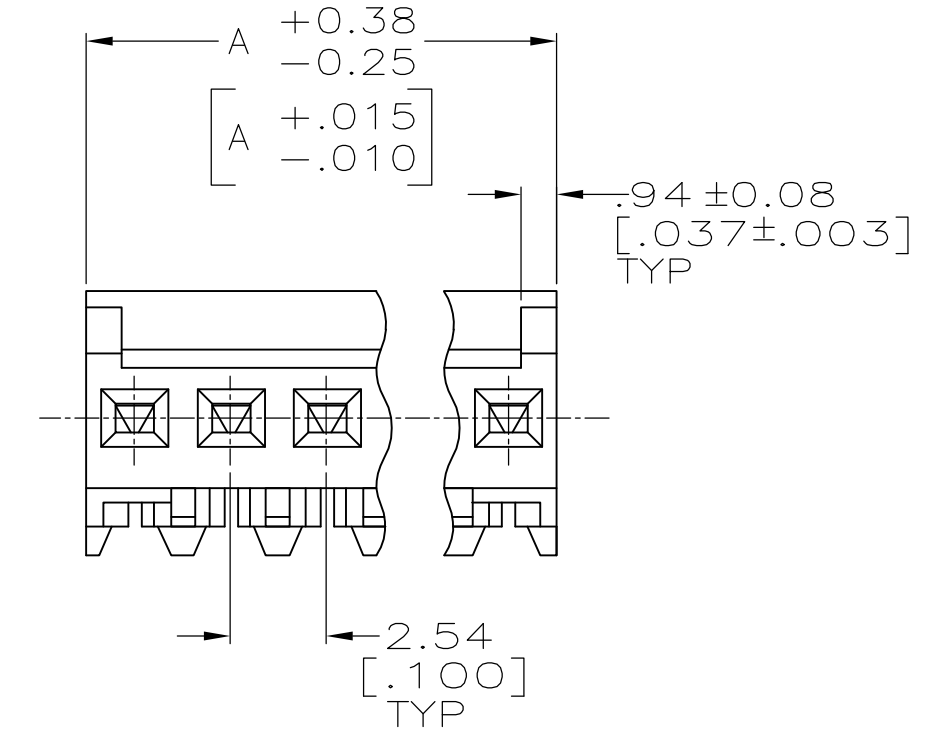
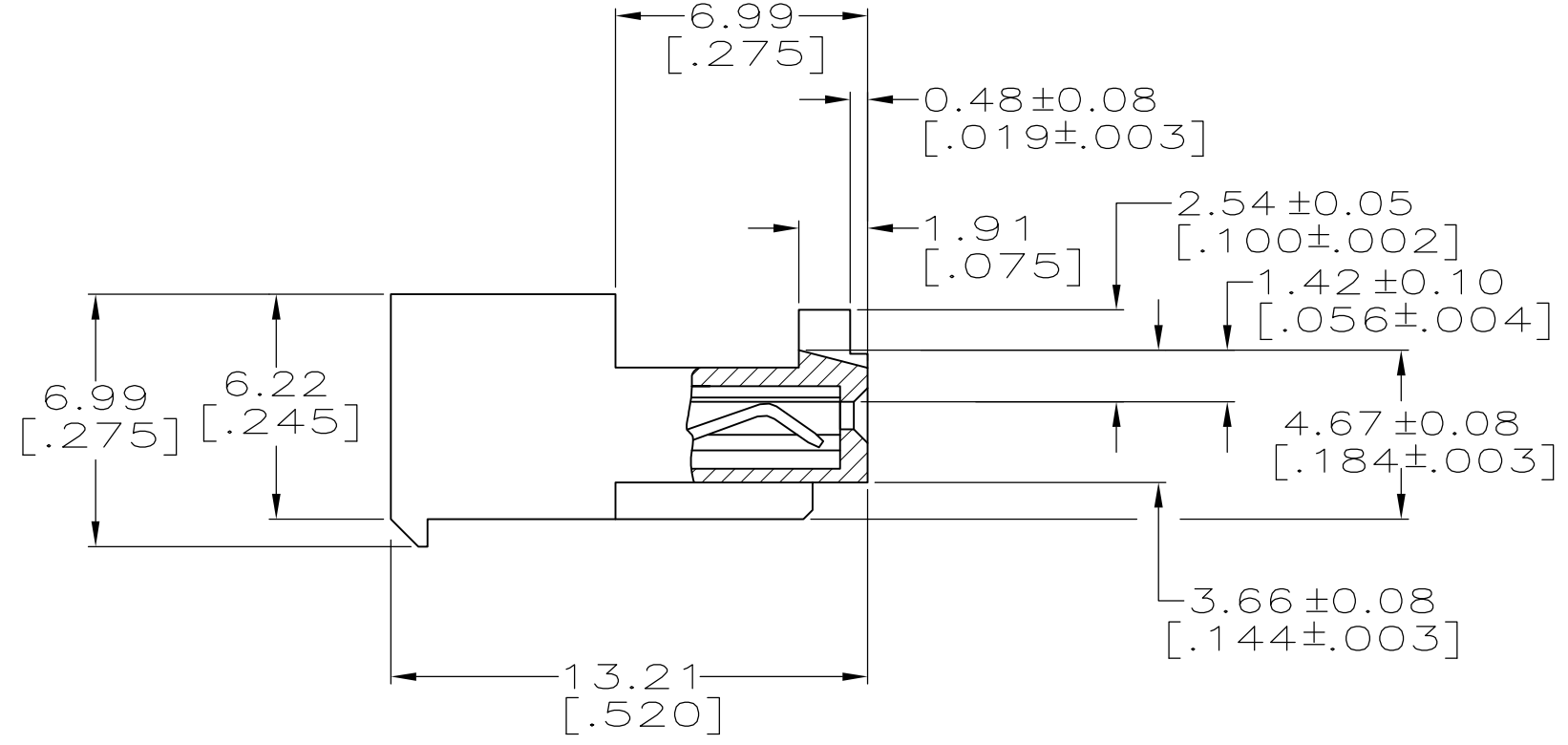
| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|--|---------------------------|---------|-------|--|
| P | LTR | DESCRIPTION | | DATE | DWN | APVD | |
| CM | 00 | M | | REVISED PER ECO-12-007595 | 03AUG12 | KH SM | |

- 1 MATERIAL: CONNECTOR-NYLON UL94V-2.
CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.00038 [.000015] GOLD OR 0.00038 [.000015] TOTAL GOLD FLASH OVER PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 641190-2 THRU 2-641190-8, MATTE WHISKER MITIGATED TIN FOR 3-641190-2 THRU 5-641190-8 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 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
- 8 RED COLOR STRIPE ON HOUSING (NOT SHOWN) MAY RUN DOWN BETWEEN RIBS.

| | | | |
|-----|--------------|----|------------|
| YES | 60.96[2.400] | 24 | 5-644038-4 |
| YES | 58.42[2.300] | 23 | 5-644038-3 |
| YES | 55.88[2.200] | 22 | 5-644038-2 |
| YES | 53.34[2.100] | 21 | 5-644038-1 |
| YES | 50.80[2.000] | 20 | 5-644038-0 |
| YES | 48.26[1.900] | 19 | 4-644038-9 |
| YES | 45.72[1.800] | 18 | 4-644038-8 |
| YES | 43.18[1.700] | 17 | 4-644038-7 |
| YES | 40.64[1.600] | 16 | 4-644038-6 |
| YES | 38.10[1.500] | 15 | 4-644038-5 |
| YES | 35.56[1.400] | 14 | 4-644038-4 |
| YES | 33.02[1.300] | 13 | 4-644038-3 |
| YES | 30.48[1.200] | 12 | 4-644038-2 |
| YES | 27.94[1.100] | 11 | 4-644038-1 |
| YES | 25.40[1.000] | 10 | 4-644038-0 |
| YES | 22.86[.900] | 9 | 3-644038-9 |
| YES | 20.32[.800] | 8 | 3-644038-8 |
| YES | 17.78[.700] | 7 | 3-644038-7 |
| YES | 15.24[.600] | 6 | 3-644038-6 |
| YES | 12.70[.500] | 5 | 3-644038-5 |
| YES | 10.16[.400] | 4 | 3-644038-4 |
| YES | 7.62[.300] | 3 | 3-644038-3 |
| YES | 5.08[.200] | 2 | 3-644038-2 |



| | | | | | |
|----|--------------|----|------------|------------|---|
| NO | 60.96[2.400] | 24 | 2-644038-4 | SUPERSEDED | 7 |
| NO | 50.80[2.000] | 20 | 2-644038-0 | SUPERSEDED | 7 |
| NO | 40.64[1.600] | 16 | 1-644038-6 | | |
| NO | 38.10[1.500] | 15 | 1-644038-5 | | |
| NO | 35.56[1.400] | 14 | 1-644038-4 | | |
| NO | 33.02[1.300] | 13 | 1-644038-3 | | |
| NO | 30.48[1.200] | 12 | 1-644038-2 | | |
| NO | 27.94[1.100] | 11 | 1-644038-1 | | |
| NO | 25.40[1.000] | 10 | 1-644038-0 | | |
| NO | 22.86[.900] | 9 | 644038-9 | | |
| NO | 20.32[.800] | 8 | 644038-8 | | |
| NO | 17.78[.700] | 7 | 644038-7 | | |
| NO | 15.24[.600] | 6 | 644038-6 | | |
| NO | 12.70[.500] | 5 | 644038-5 | | |
| NO | 10.16[.400] | 4 | 644038-4 | | |
| NO | 7.62[.300] | 3 | 644038-3 | | |
| NO | 5.08[.200] | 2 | 644038-2 | | |



METRIC

| | | | | |
|--|--|----------------------------------|---|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN S. CARPENTER 12JUN2003 | | |
| DIMENSIONS: mm [INCHES] | | CHK D. BOSSI 12JUN2003 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD D. BOSSI 12JUN2003 | NAME | |
| 0 PLC ± | | PRODUCT SPEC | MTA-100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD | |
| 1 PLC ± | | 108-1050 | SIZE | CAGE CODE |
| 2 PLC ± | | APPLICATION SPEC | A2 | 00779 |
| 3 PLC ± 0.13 [.005] | | 114-1019 | DRAWING NO | RESTRICTED TO |
| 4 PLC ± | | WEIGHT | C=644038 | - |
| ANGLES ± | | CUSTOMER DRAWING | SCALE | SHEET |
| FINISH | | | 5:1 | 1 of 1 |
| MATERIAL | | | REV | M |