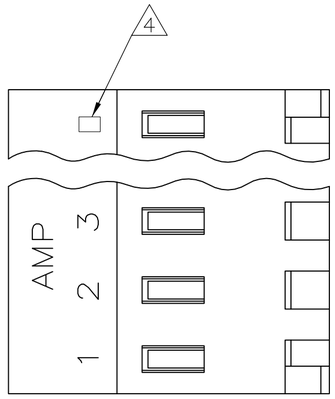
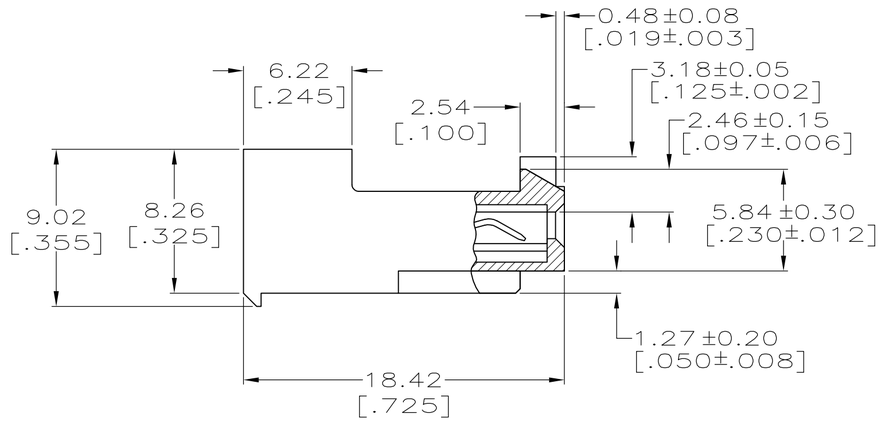
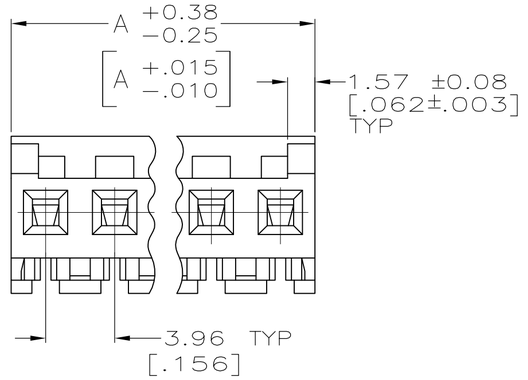
| LOC | DIST |
|---|---|
| CM | 0 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | C | ECO-07-012881 | 21JUN07 | KW | DB |




1. MATERIAL:
   CONNECTOR – NYLON UL94V-2 (RED).
   CONTACTS – 0.30[.012] THICK COPPER ALLOY.
   PLATING – 0.00038[.000015] GOLD IN CONTACT AREA.
   0.00203[.000080] MIN THICKNESS BRIGHT TIN-LEAD IN SLOT AREA FOR 647478-2 THRU 2-647478-4 OR MATTE WHISKER MITIGATED TIN IN SLOT AREA FOR 3-647478-2 THRU 5-647478-4 OVER NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 22 AWG WIRE WITH 2.41[.095] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 1.14±0.03[.045±.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 POLARIZING TAB.

7. NOTE DELETED.

8. NOTE DELETED.

| CONTACT FINISH | DIM A | NO. OF CIRCUITS | PART NO. |
|---|---|---|---|
| TIN | 47.55 [1.872] | 12 | 4-647478-2 |
| | 43.59 [1.716] | 11 | 4-647478-1 |
| | 39.62 [1.56] | 10 | 4-647478-0 |
| | 35.66 [1.404] | 9 | 3-647478-9 |
| | 31.70 [1.248] | 8 | 3-647478-8 |
| | 27.74 [1.092] | 7 | 3-647478-7 |
| | 23.77 [.936] | 6 | 3-647478-6 |
| | 19.81 [.780] | 5 | 3-647478-5 |
| | 15.85 [.624] | 4 | 3-647478-4 |
| | 11.89 [.468] | 3 | 3-647478-3 |
| | 7.92 [.312] | 2 | 3-647478-2 |
| TIN-LEAD | 47.55 [1.872] | 12 | 1-647478-2 |
| | 43.59 [1.716] | 11 | 1-647478-1 |
| | 39.62 [1.56] | 10 | 1-647478-0 |
| | 35.66 [1.404] | 9 | 647478-9 |
| | 31.70 [1.248] | 8 | 647478-8 |
| | 27.74 [1.092] | 7 | 647478-7 |
| | 23.77 [.936] | 6 | 647478-6 |
| | 19.81 [.780] | 5 | 647478-5 |
| | 15.85 [.624] | 4 | 647478-4 |
| | 11.89 [.468] | 3 | 647478-3 |
| | 7.92 [.312] | 2 | 647478-2 |

647478

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± 0.13 [.005]
4 PLC ± -
ANGLES ± -

MATERIAL - 1
FINISH -

DWN K. WHITAKER 09-NOV-2000
CHK D. BOSSI 09-NOV-2000
APVD - -
PRODUCT SPEC 108-1051
APPLICATION SPEC 114-1020
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
MTA-156 CONNECTOR ASSEMBLY, 22 AWG, STANDARD
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | 00779 | C-647478 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV C