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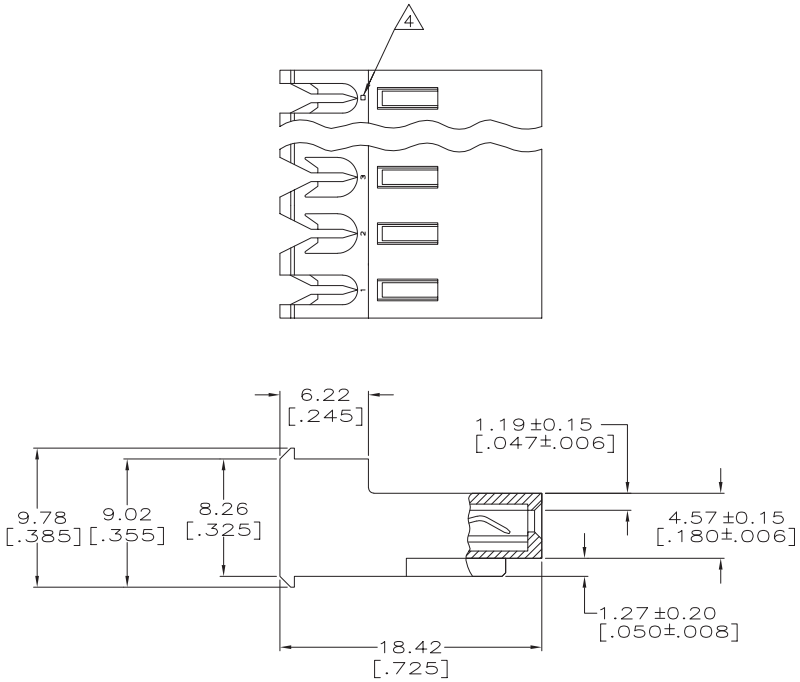
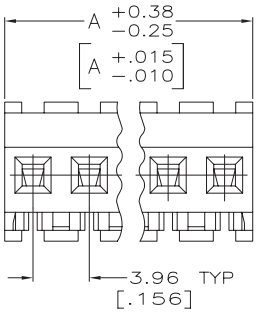
| LOC | DIST |
|---|---|
| CM | 0 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | H | ECO-07-012887 | 22JUN07 | KW | DB |




1. MATERIAL:
   CONNECTOR – NYLON UL94V-2 (BLUE).
   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 641177-2 THRU 2-641177-4 OR MATTE WHISKER MITIGATED TIN IN SLOT AREA FOR 3-641177-2 THRU 5-641177-4 OVER NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 26 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: FEED-THRU WITHOUT LOCKING RAMP.

7. NOTE DELETED.

8. NOTE DELETED.

| CONTACT FINISH | DIM A | NO. OF CIRCUITS | PART NO. |
|---|---|---|---|
| TIN | 95.10 [3.744] | 24 | 5-641177-4 |
| | 91.14 [3.588] | 23 | 5-641177-3 |
| | 87.17 [3.432] | 22 | 5-641177-2 |
| | 83.21 [3.276] | 21 | 5-641177-1 |
| | 79.25 [3.120] | 20 | 5-641177-0 |
| | 75.29 [2.964] | 19 | 4-641177-9 |
| | 71.32 [2.808] | 18 | 4-641177-8 |
| | 67.36 [2.652] | 17 | 4-641177-7 |
| | 63.40 [2.496] | 16 | 4-641177-6 |
| | 59.44 [2.340] | 15 | 4-641177-5 |
| | 55.47 [2.184] | 14 | 4-641177-4 |
| | 51.51 [2.028] | 13 | 4-641177-3 |
| | 47.55 [1.872] | 12 | 4-641177-2 |
| | 43.59 [1.716] | 11 | 4-641177-1 |
| | 39.62 [1.560] | 10 | 4-641177-0 |
| | 35.66 [1.404] | 9 | 3-641177-9 |
| | 31.70 [1.248] | 8 | 3-641177-8 |
| | 27.74 [1.092] | 7 | 3-641177-7 |
| | 23.77 [.936] | 6 | 3-641177-6 |
| | 19.81 [.780] | 5 | 3-641177-5 |
| | 15.85 [.624] | 4 | 3-641177-4 |
| | 11.89 [.468] | 3 | 3-641177-3 |
| | 7.92 [.312] | 2 | 3-641177-2 |
| TIN-LEAD | 95.10 [3.744] | 24 | 2-641177-4 |
| | 91.14 [3.588] | 23 | 2-641177-3 |
| | 87.17 [3.432] | 22 | 2-641177-2 |
| | 83.21 [3.276] | 21 | 2-641177-1 |
| | 79.25 [3.120] | 20 | 2-641177-0 |
| | 75.29 [2.964] | 19 | 1-641177-9 |
| | 71.32 [2.808] | 18 | 1-641177-8 |
| | 67.36 [2.652] | 17 | 1-641177-7 |
| | 63.40 [2.496] | 16 | 1-641177-6 |
| | 59.44 [2.340] | 15 | 1-641177-5 |
| | 55.47 [2.184] | 14 | 1-641177-4 |
| | 51.51 [2.028] | 13 | 1-641177-3 |
| | 47.55 [1.872] | 12 | 1-641177-2 |
| | 43.59 [1.716] | 11 | 1-641177-1 |
| | 39.62 [1.560] | 10 | 1-641177-0 |
| | 35.66 [1.404] | 9 | 641177-9 |
| | 31.70 [1.248] | 8 | 641177-8 |
| | 27.74 [1.092] | 7 | 641177-7 |
| | 23.77 [.936] | 6 | 641177-6 |
| | 19.81 [.780] | 5 | 641177-5 |
| | 15.85 [.624] | 4 | 641177-4 |
| | 11.89 [.468] | 3 | 641177-3 |
| | 7.92 [.312] | 2 | 641177-2 |

641177

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 –

METRIC

DWN B. LEWIS 3-11-96
CHK R. SWING 3-11-96
APVD –
PRODUCT SPEC 108-1051
APPLICATION SPEC 114-1020
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME MTA-156 CONNECTOR ASSEMBLY, 26 AWG, STANDARD

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | 00779 | C-641177 | – |

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