



- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE). CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.000038 [.000015] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 641191-2 THRU 2-641191-8, MATTE WHISKER MITIGATED TIN FOR 3-641191-2 THRU 5-641191-8 OVER NICKEL UNDERPLATE.
2. CONTACTS ACCEPT 24 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.

| | | | |
|-------|---------|-------------|------------|
| 71.12 | [2.800] | 28 | 5-641191-8 |
| 66.04 | [2.600] | 27 | 5-641191-7 |
| 63.50 | [2.500] | 26 | 5-641191-6 |
| 63.50 | [2.500] | 25 | 5-641191-5 |
| 60.96 | [2.400] | 24 | 5-641191-4 |
| 58.42 | [2.300] | 23 | 5-641191-3 |
| 55.88 | [2.200] | 22 | 5-641191-2 |
| 53.34 | [2.100] | 21 | 5-641191-1 |
| 50.80 | [2.000] | 20 | 5-641191-0 |
| 48.26 | [1.900] | 19 | 4-641191-9 |
| 45.72 | [1.800] | 18 | 4-641191-8 |
| 43.18 | [1.700] | 17 | 4-641191-7 |
| 40.64 | [1.600] | 16 | 4-641191-6 |
| 38.10 | [1.500] | 15 | 4-641191-5 |
| 35.56 | [1.400] | 14 | 4-641191-4 |
| 33.02 | [1.300] | 13 | 4-641191-3 |
| 30.48 | [1.200] | 12 | 4-641191-2 |
| 27.94 | [1.100] | 11 | 4-641191-1 |
| 25.40 | [1.000] | 10 | 4-641191-0 |
| 22.86 | [.900] | 9 | 3-641191-9 |
| 20.32 | [.800] | 8 | 3-641191-8 |
| 17.78 | [.700] | 7 | 3-641191-7 |
| 15.24 | [.600] | 6 | 3-641191-6 |
| 12.70 | [.500] | 5 | 3-641191-5 |
| 10.16 | [.400] | 4 | 3-641191-4 |
| 7.62 | [.300] | 3 | 3-641191-3 |
| 5.08 | [.200] | 2 | 3-641191-2 |
| DIM A | | NO. OF POSN | ASSEMBLY |

| | | | |
|-------|---------|-------------|------------|
| 71.12 | [2.800] | 28 | 2-641191-8 |
| 66.04 | [2.600] | 27 | 2-641191-7 |
| 63.50 | [2.500] | 26 | 2-641191-6 |
| 63.50 | [2.500] | 25 | 2-641191-5 |
| 60.96 | [2.400] | 24 | 2-641191-4 |
| 58.42 | [2.300] | 23 | 2-641191-3 |
| 55.88 | [2.200] | 22 | 2-641191-2 |
| 53.34 | [2.100] | 21 | 2-641191-1 |
| 50.80 | [2.000] | 20 | 2-641191-0 |
| 48.26 | [1.900] | 19 | 1-641191-9 |
| 45.72 | [1.800] | 18 | 1-641191-8 |
| 43.18 | [1.700] | 17 | 1-641191-7 |
| 40.64 | [1.600] | 16 | 1-641191-6 |
| 38.10 | [1.500] | 15 | 1-641191-5 |
| 35.56 | [1.400] | 14 | 1-641191-4 |
| 33.02 | [1.300] | 13 | 1-641191-3 |
| 30.48 | [1.200] | 12 | 1-641191-2 |
| 27.94 | [1.100] | 11 | 1-641191-1 |
| 25.40 | [1.000] | 10 | 1-641191-0 |
| 22.86 | [.900] | 9 | 641191-9 |
| 20.32 | [.800] | 8 | 641191-8 |
| 17.78 | [.700] | 7 | 641191-7 |
| 15.24 | [.600] | 6 | 641191-6 |
| 12.70 | [.500] | 5 | 641191-5 |
| 10.16 | [.400] | 4 | 641191-4 |
| 7.62 | [.300] | 3 | 641191-3 |
| 5.08 | [.200] | 2 | 641191-2 |
| DIM A | | NO. OF POSN | ASSEMBLY |

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | |
|-------------------------|--|---------------------------|---|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DWN S. HOOVER 20-DEC-2004 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 |
| 0 PLC ± | ± 0.13 [.005] | CHK D. BOSSI 20-DEC-2004 | |
| 1 PLC ± | ± | APVD D. BOSSI 20-DEC-2004 | NAME MTA .100 CONNECTOR ASSEMBLY |
| 2 PLC ± | ± | | PRODUCT SPEC 108-1050 |
| 3 PLC ± | ± | | APPLICATION SPEC 114-1019 |
| 4 PLC ± | ± | | SIZE CASE CODE DRAWING NO. RESTRICTED TO |
| MATERIAL | FINISH | WEIGHT | A1 00779 C=641191 |
| | | CUSTOMER DRAWING | SCALE 5:1 SHEET 1 OF 1 REV R |