



- △ MATERIAL: CONNECTOR-NYLON UL94V-2 (RED).
 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.
- CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.
 - 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.
- DIMENSIONS IN BRACKETS ARE IN INCHES.
 - HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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|---------------|---------------|------------|------------|
| LEAD FREE | 71.12 [2.800] | 28 | 5-641190-8 |
| | 66.04 [2.600] | 27 | 5-641190-7 |
| | 63.50 [2.500] | 26 | 5-641190-6 |
| | 63.50 [2.500] | 25 | 5-641190-5 |
| | 60.96 [2.400] | 24 | 5-641190-4 |
| | 58.42 [2.300] | 23 | 5-641190-3 |
| | 55.88 [2.200] | 22 | 5-641190-2 |
| | 53.34 [2.100] | 21 | 5-641190-1 |
| | 50.80 [2.000] | 20 | 5-641190-0 |
| | 48.26 [1.900] | 19 | 4-641190-9 |
| | 45.72 [1.800] | 18 | 4-641190-8 |
| | 43.18 [1.700] | 17 | 4-641190-7 |
| | 40.64 [1.600] | 16 | 4-641190-6 |
| | 38.10 [1.500] | 15 | 4-641190-5 |
| | 35.56 [1.400] | 14 | 4-641190-4 |
| | 33.02 [1.300] | 13 | 4-641190-3 |
| | 30.48 [1.200] | 12 | 4-641190-2 |
| | 27.94 [1.100] | 11 | 4-641190-1 |
| 25.40 [1.000] | 10 | 4-641190-0 | |
| 22.86 [.900] | 9 | 3-641190-9 | |
| 20.32 [.800] | 8 | 3-641190-8 | |
| 17.78 [.700] | 7 | 3-641190-7 | |
| 15.24 [.600] | 6 | 3-641190-6 | |
| 12.70 [.500] | 5 | 3-641190-5 | |
| 10.16 [.400] | 4 | 3-641190-4 | |
| 7.62 [.300] | 3 | 3-641190-3 | |
| 5.08 [.200] | 2 | 3-641190-2 | |
| DIM A | NO.OF POSN | ASSEMBLY | |

| | | | |
|---------------|---------------|------------|------------|
| CONTAINS LEAD | 71.12 [2.800] | 28 | 2-641190-8 |
| | 66.04 [2.600] | 27 | 2-641190-7 |
| | 63.50 [2.500] | 26 | 2-641190-6 |
| | 63.50 [2.500] | 25 | 2-641190-5 |
| | 60.96 [2.400] | 24 | 2-641190-4 |
| | 58.42 [2.300] | 23 | 2-641190-3 |
| | 55.88 [2.200] | 22 | 2-641190-2 |
| | 53.34 [2.100] | 21 | 2-641190-1 |
| | 50.80 [2.000] | 20 | 2-641190-0 |
| | 48.26 [1.900] | 19 | 1-641190-9 |
| | 45.72 [1.800] | 18 | 1-641190-8 |
| | 43.18 [1.700] | 17 | 1-641190-7 |
| | 40.64 [1.600] | 16 | 1-641190-6 |
| | 38.10 [1.500] | 15 | 1-641190-5 |
| | 35.56 [1.400] | 14 | 1-641190-4 |
| | 33.02 [1.300] | 13 | 1-641190-3 |
| | 30.48 [1.200] | 12 | 1-641190-2 |
| | 27.94 [1.100] | 11 | 1-641190-1 |
| 25.40 [1.000] | 10 | 1-641190-0 | |
| 22.86 [.900] | 9 | 641190-9 | |
| 20.32 [.800] | 8 | 641190-8 | |
| 17.78 [.700] | 7 | 641190-7 | |
| 15.24 [.600] | 6 | 641190-6 | |
| 12.70 [.500] | 5 | 641190-5 | |
| 10.16 [.400] | 4 | 641190-4 | |
| 7.62 [.300] | 3 | 641190-3 | |
| 5.08 [.200] | 2 | 641190-2 | |
| DIM A | NO.OF POSN | ASSEMBLY | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

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| DIMENSIONS: mm [NCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN S. HOOVER 20-DEC-2004 | APVD D. ROSSI 20-DEC-2004 | NAME |
| 0. PLC ± 0.13 [.005] | 1. PLC ± | 2. PLC ± | 3. PLC ± | 4. PLC ± |
| ANGLES ± | FINISH ± | TE Connectivity | | |
| MATERIAL | FINISH | PRODUCT SPEC 108-1050 | APPLICATION SPEC 114-1019 | MTA .100 CONNECTOR ASSEMBLY 22 AWG, STANDARD |
| | | SIZE A1 | CAGE CODE 00779 | DRAWING NO. 641190 |
| | | WEIGHT | SCALE 5:1 | SHEET 1 OF 1 |

CUSTOMER DRAWING