



- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (RED). CONTACTS-0.30 [.012] THICK COPPER ALLOY BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS 641653-2 THRU 641653-8 MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER NICKEL UNDERPLATE FOR CONTACTS 3-641653-2 THRU 3-641653-8.
- 2 CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAXIMUM 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: FEED THRU WITH LOCKING RAMP & LED CONTACT.
- 7 OBSOLETE PARTS

△ SUPERSEDED

CONTAINS LEAD

| DIM A | NO.OF POSN | ASSEMBLY |
|--------------|------------|-----------|
| 20.32 [.800] | 8 | -641653-8 |
| 7.62 [.300] | 3 | -641653-3 |
| 5.08 [.200] | 2 | -641653-2 |

| DIM A | NO.OF POSN | ASSEMBLY |
|--------------|------------|------------|
| 20.32 [.800] | 8 | 3-641653-8 |
| 7.62 [.300] | 3 | 3-641653-3 |
| 5.08 [.200] | 2 | 3-641653-2 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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| DATE: 10-DEC-2004 | BY: D. BOSSI | REV: 1 |
| DESCRIPTION: NTA-100 CONNECTOR ASSEMBLY, 22 AWG, FOR .014 TO .020 POSN, SPECIAL | PROJECT NO: 108-1050 | APPROVED: [Signature] |
| APPLICATION SPEC: 114-1019 | WEIGHT: 114-1019 | SIZE: A1 |
| CUSTOMER DRAWING | DATE CODE: 00779 | DRAWING NO: 641653 |

SCALE: 8:1 SHEET 1 OF 1 REV H