



- 1 MATERIAL
HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0.
POST: COPPER ALLOY
- 2 FINISH
HOUSING: NATURAL
POST: BRIGHT TIN-LEAD (93/7) PLATE, 0.0038 [0.000150]-0.0088 [0.000350] THICK OVER NICKEL UNDERPLATE, 0.0013 [0.000050] MIN THICK.
- 4 POST SOLDER DETAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 5 POST WITHSTANDS 13.34N (3 LB) MIN AXIAL FORCE IN EITHER DIRECTION WITHOUT DISLODGING.
- 6 APPLIES AT -A-.
- 7 APPLIES WHEN THE HEADER IS STRAIGHT.
- 8 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.
- 9 COORDINATE DIMENSIONS APPLIES FROM THE CENTER OF THE ACTUAL FEATURE.
- 10 SOLDER SIDE OF BOARD IS SHOWN.
- 11 THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63 [0.064] DIAMETER BOARD HOLE FOR HEADER ASSEMBLY RETENTION DURING SOLDERING. FOUR TABS PER PEG, TWO PEGS PER HEADER ASSEMBLY (ONE PEG ONLY FOR 2 POSITION SIZE).
- 12 UL MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES. CSA MARKING MAY NOT APPEAR ON THE 2 POSITION SIZE.
- 13 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 14 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).
- 15 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [0.005].
- 16 NOTCH SHOWN MAY OR MAY NOT APPEAR.
- 17 FINISH
HOUSING: NATURAL
POST: MATTE TIN PLATE, .000150" MIN THICK OVER NICKEL.

2232554-1 SHOWN

| | | | |
|--------|---------------------|---|-----------------|
| FINISH | 1 | 3 | 2232554-2 |
| | 2 | 3 | 2232554-1 |
| | POST NUMBER OMITTED | | NO. OF CIRCUITS |
| | | | PART NUMBER |

| | | | | |
|--|---|------------------|-----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN | 12AUG2003 | TE Connectivity |
| DIMENSIONS: mm [INCHES] | | CHK | 12AUG2003 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | 12AUG2003 | NAME |
| 0 PLC | ± | | | Michael Tang |
| 1 PLC | ± | | | Daniel Zhang |
| 2 PLC | ± | | | Yuhong Mao |
| 3 PLC | ± | | | |
| 4 PLC | ± | | | |
| ANGLES | ± | | | |
| MATERIAL | 1 | FINISH | 2, 17 | PRODUCT SPEC |
| | | WEIGHT | | APPLICATION SPEC |
| | | SIZE | A1 | MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, 3 POSITION, OMITTED POST |
| | | CUSTOMER DRAWING | 00779 | DRAWING NO |
| | | | 2232554 | SCALE |
| | | | | 5:1 |
| | | | | SHEET |
| | | | | 1 OF 1 |
| | | | | REV |
| | | | | A |