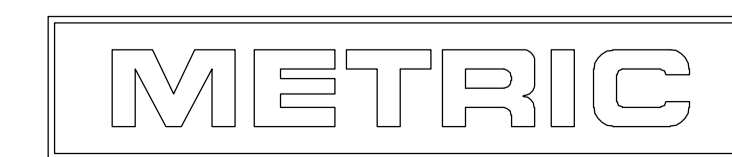


RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [mm] [ $.063$ ] [IN] THICK P.C. BOARD

- 1 POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE  $-A-$ .
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER NON-FILLED 94V-0(NATURAL) POST-COPPER ALLOY (TIN PLATED)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 4.45 [mm] [.175] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 PIN BURR OF 0.127 [mm] [.005] MAX. VERTICAL AND 0.076 [mm] [.003] MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- 14 COLOR STRIPE BLACK IN APPROXIMATE LOCATION SHOWN



|      |      |                     |             |
|------|------|---------------------|-------------|
| 7.92 | .312 | 2                   | 1744000-2   |
| MM   | [IN] | NUMBER OF POSITIONS | PART NUMBER |
| L    |      |                     |             |

|  |               |  |   |  |
|--|---------------|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |               | DIN S. HOOVER 070CT03  | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |  |
| DIMENSIONS: mm [INCHES]                |               | CHK D. ROSSI 070CT03   | APVD D. ROSSI 070CT03                                     |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |               | NAME MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, SPECIAL |   |  |
| 0 PLC                                  | ± -           | APPLICATION SPEC   |   |  |
| 1 PLC                                  | ± -           | SIZE   |   |  |
| 2 PLC                                  | ± -           | CAGE CODE  |   |  |
| 3 PLC                                  | ± 0.13 [.005] | DRAWING NO   |   |  |
| 4 PLC                                  | ± -           | RESTRICTED TO  |   |  |
| ANGLES                                 | ± -           | WEIGHT   |   |  |
| FINISH                                 | ± -           | A1 00779C=1744000  |   |  |
| MATERIAL                               |               | CUSTOMER DRAWING   |   |  |
| FINISH                                 |               | SCALE 5:1 SHEET 1 OF 1 REV A   |   |  |