



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 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-O(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 .325-.400 WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR .325-.345 WHEN MATING WITH A SL-156 CONNECTOR ASSEMBLY.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

METRIC

| | | | |
|------|------|------|-------|
| .068 | 1.73 | | |
| .065 | 1.65 | .780 | 19.81 |
| .063 | 1.60 | .450 | 11.43 |
| .060 | 1.52 | .425 | 10.80 |
| .045 | 1.14 | .400 | 10.16 |
| .030 | 0.76 | .345 | 8.76 |
| .015 | 0.38 | .325 | 8.26 |
| .012 | 0.30 | .312 | 7.92 |
| .011 | 0.28 | .300 | 7.62 |
| .010 | 0.25 | .212 | 5.38 |
| .008 | 0.20 | .180 | 4.57 |
| .005 | 0.13 | .156 | 3.96 |
| .003 | 0.08 | .125 | 3.18 |
| .001 | 0.03 | .078 | 1.98 |
| .000 | 0.00 | .070 | 1.78 |
| [IN] | MM | [IN] | MM |

CONVERSION TABLE

644062-2 SHOWN

| | |
|---------------------|-------------|
| 2, 3 & 4 | 644062-5 |
| 2 & 3 | 644062-4 |
| 2 & 4 | 644062-3 |
| 4 | 644062-2 |
| 2 | 644062-1 |
| POST NUMBER OMITTED | PART NUMBER |

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|--|--|-------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN S. HOOVER 07NOV02 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: INCHES | | CHK: D. ROSSI 07NOV02 | NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND .045 SQUARE POST, TIN PLATED, 5 POSITION, OMITTED POST | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APP'D: D. ROSSI 07NOV02 | APPLICATION SPEC: --- | |
| 0 PLC ± - | | SIZE: A1 | | |
| 1 PLC ± - | | SCALE: 5:1 | | |
| 2 PLC ± - | | SHEET: 1 OF 1 | | |
| 3 PLC ± .005 | | REV: J1 | | |
| 4 PLC ± - | | CUSTOMER DRAWING | | |
| ANGLES ± - | | WEIGHT: --- | | |
| FINISH: 7 | | DRAWING NO: 00779 | | |
| | | PART NO: 644062 | | |