



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 (.051/.046 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL:
HEADER - THERMOPLASTIC POLYESTER
GLASS-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 .175 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

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|------|------|-------|-------|
| .060 | 1.52 | 1.092 | 27.74 |
| .051 | 1.30 | .700 | 17.78 |
| .046 | 1.17 | .450 | 11.43 |
| .045 | 1.14 | .425 | 10.80 |
| .030 | 0.76 | .312 | 7.92 |
| .015 | 0.38 | .300 | 7.62 |
| .012 | 0.30 | .180 | 4.57 |
| .011 | 0.28 | .175 | 4.45 |
| .010 | 0.25 | .156 | 3.96 |
| .008 | 0.20 | .125 | 3.18 |
| .005 | 0.13 | .078 | 1.98 |
| .003 | 0.08 | .068 | 1.73 |
| .001 | 0.03 | .063 | 1.60 |
| IN | MM | IN | MM |

CONVERSION TABLE

| | | |
|-------------|---------------------|-------------|
| PRELIMINARY | 3,4,6 | 641112-8 |
| | 2,4,6 | 641112-7 |
| | 2,4,5 | 641112-6 |
| | 3 & 6 | 641112-5 |
| | 3 | 641112-4 |
| | 2 & 4 | 641112-3 |
| OBSOLETE | 6 | -641112-2- |
| | 2 | 641112-1 |
| | POST NUMBER OMITTED | PART NUMBER |

641112-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

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| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± .005 | 4 PLC ± - | ANGLES ± - |
| THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: | | S. HOOVER OSNOV02 D. ROSSI OSNOV02 D. ROSSI OSNOV02 | | NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 ROUND POST, TIN PLATED, 7 POSITION, OMITTED POST APPLICATION SPEC: - SIZE: A1 CASE CODE: 00779 DRAWING NO: 641112 WEIGHT: - CUSTOMER DRAWING | | | |
| MATERIAL: - FINISH: - | | WEIGHT: - CUSTOMER DRAWING | | SCALE: 5:1 SHEET: 1 OF 1 REV: AC | | | |

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