



| | | | |
|------|------|-------|-------|
| .068 | 1.73 | | |
| .065 | 1.65 | | |
| .063 | 1.60 | 1.000 | 25.40 |
| .060 | 1.52 | .750 | 19.05 |
| .045 | 1.14 | .450 | 11.43 |
| .030 | 0.76 | .425 | 10.80 |
| .015 | 0.38 | .300 | 7.62 |
| .012 | 0.30 | .180 | 4.57 |
| .010 | 0.25 | .175 | 4.45 |
| .008 | 0.20 | .156 | 3.96 |
| .005 | 0.13 | .125 | 3.18 |
| .003 | 0.08 | .078 | 1.98 |
| .001 | 0.03 | .073 | 1.85 |
| .000 | 0.00 | .070 | 1.78 |
| [IN] | MM | [IN] | MM |

CONVERSION TABLE

© RECOMMENDED MOUNTING HOLE PATTERN FOR .109 ± 0.016 THICK P.C. BOARD

- △ POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- △ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- △ MEASURED AT SURFACE [-A-]
- △ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- △ ONE HOLE MAY BE UNDERSIZED (.051/.046 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ MATERIAL:
HEADER - THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL)
POST - COPPER ALLOY (TIN PLATED)
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- △ POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- △ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- △ DIMENSION SHOULD BE .175 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- △ PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

| | | | |
|-------|-------|---------------------|-------------|
| 95.10 | 3.744 | 24 | 2-644752-4 |
| 91.14 | 3.588 | 23 | 2-644752-3 |
| 87.17 | 3.432 | 22 | 2-644752-2 |
| 83.21 | 3.276 | 21 | 2-644752-1 |
| 79.25 | 3.120 | 20 | 2-644752-0 |
| 75.29 | 2.964 | 19 | 1-644752-9 |
| 71.32 | 2.808 | 18 | 1-644752-8 |
| 67.36 | 2.652 | 17 | 1-644752-7 |
| 63.40 | 2.496 | 16 | 1-644752-6 |
| 59.44 | 2.340 | 15 | 1-644752-5 |
| 55.47 | 2.184 | 14 | 1-644752-4 |
| 51.51 | 2.028 | 13 | 1-644752-3 |
| 47.55 | 1.872 | 12 | 1-644752-2 |
| 43.59 | 1.716 | 11 | 1-644752-1 |
| 39.62 | 1.560 | 10 | 1-644752-0 |
| 35.66 | 1.404 | 9 | 644752-9 |
| 31.70 | 1.248 | 8 | 644752-8 |
| 27.74 | 1.092 | 7 | 644752-7 |
| 23.77 | .936 | 6 | 644752-6 |
| 19.81 | .780 | 5 | 644752-5 |
| 15.85 | .624 | 4 | 644752-4 |
| 11.89 | .468 | 3 | 644752-3 |
| 7.92 | .312 | 2 | 644752-2 |
| MM | [IN] | NUMBER OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | | | | |
|--|--|---|-----------|------------|---------------|------------------|--------------------|------------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± .005 | 4 PLC ANGLES ± - | | |
| DIM: S. HOOVER 07NOV02 CHK: D. ROSSI 07NOV02 APVO: D. ROSSI 07NOV02 PRODUCT SPEC: | | NAME: MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, SPECIAL | | | | | | |
| MATERIAL: △ | | FINISH: △ | | WEIGHT: - | SIZE: A1 | CAGE CODE: 00779 | DRAWING NO: 644752 | RESTRICTED TO: - |
| CUSTOMER DRAWING | | | | SCALE: 5:1 | SHEET: 1 of 1 | REV: F1 | | |

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