

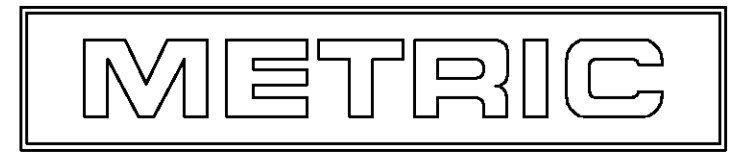
RECOMMENDED MOUNTING HOLE PATTERN Δ
 FOR .063 THICK P.C. BOARD

| | | | |
|------|------|-------|-------|
| .032 | 0.81 | 1.000 | 25.40 |
| .025 | 0.64 | .535 | 13.59 |
| .020 | 0.51 | .295 | 7.49 |
| .018 | 0.46 | .200 | 5.08 |
| .015 | 0.38 | .140 | 3.56 |
| .010 | 0.25 | .120 | 3.05 |
| .008 | 0.20 | .100 | 2.54 |
| .005 | 0.13 | .063 | 1.60 |
| .003 | 0.08 | .050 | 1.27 |
| .001 | 0.03 | .040 | 1.02 |
| .000 | 0.00 | .035 | 0.89 |
| IN | MM | IN | MM |

CONVERSION TABLE

- Δ POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- Δ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- Δ MEASURED AT SURFACE \square -A-
- Δ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- Δ ONE HOLE MAY BE UNDERSIZED (.035/.032 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- Δ MATERIAL: HEADER-THERMOPLASTIC POLYESTER 94V-0(NATURAL) POST-COPPER ALLOY (TIN PLATED)
- Δ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- Δ POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- Δ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- Δ DIMENSION SHOULD BE .120 MIN. WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- Δ PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

| | | | |
|-------|-------|---------------------|-------------|
| 2.800 | 71.12 | 28 | 2-640452-8 |
| 2.700 | 68.58 | 27 | 2-640452-7 |
| 2.600 | 66.04 | 26 | 2-640452-6 |
| 2.500 | 63.50 | 25 | 2-640452-5 |
| 2.400 | 60.96 | 24 | 2-640452-4 |
| 2.300 | 58.42 | 23 | 2-640452-3 |
| 2.200 | 55.88 | 22 | 2-640452-2 |
| 2.100 | 53.34 | 21 | 2-640452-1 |
| 2.000 | 50.80 | 20 | 2-640452-0 |
| 1.900 | 48.26 | 19 | 1-640452-9 |
| 1.800 | 45.72 | 18 | 1-640452-8 |
| 1.700 | 43.18 | 17 | 1-640452-7 |
| 1.600 | 40.64 | 16 | 1-640452-6 |
| 1.500 | 38.10 | 15 | 1-640452-5 |
| 1.400 | 35.56 | 14 | 1-640452-4 |
| 1.300 | 33.02 | 13 | 1-640452-3 |
| 1.200 | 30.48 | 12 | 1-640452-2 |
| 1.100 | 27.94 | 11 | 1-640452-1 |
| 1.000 | 25.40 | 10 | 1-640452-0 |
| .900 | 22.86 | 9 | 640452-9 |
| .800 | 20.32 | 8 | 640452-8 |
| .700 | 17.78 | 7 | 640452-7 |
| .600 | 15.24 | 6 | 640452-6 |
| .500 | 12.70 | 5 | 640452-5 |
| .400 | 10.16 | 4 | 640452-4 |
| .300 | 7.62 | 3 | 640452-3 |
| .200 | 5.08 | 2 | 640452-2 |
| IN | MM | NUMBER OF POSITIONS | PART NUMBER |
| L | | | |



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | | | |
|--------------------|--|-----------------|-----------|--------------|--------------|-----------|------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± .005 | 4 PLC ± - | ANGLES ± - |
| MATERIAL Δ | | FINISH Δ | | WEIGHT - | | SIZE A1 | |
| CUSTOMER DRAWING | | SCALE 8:1 | | SHEET 1 OF 1 | | REV Z | |

APPROVED BY: D. BOSSI, 11JUN04
 NAME: MTA-100 HEADER ASSEMBLY, PLAIN, .025 SQUARE STRAIGHT POST, TIN PLATED
 DRAWING NO: 00779
 PART NUMBER: 640452