



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 .140 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.

|          | IN    | MM    | NUMBER OF POSITIONS | PART NUMBER |
|----------|-------|-------|---------------------|-------------|
| OBSOLETE | 3.744 | 95.10 | 24                  | 2-640384-4  |
|          | 3.588 | 91.14 | 23                  | 2-640384-3  |
|          | 3.432 | 87.17 | 22                  | 2-640384-2  |
|          | 3.276 | 83.21 | 21                  | 2-640384-1  |
|          | 3.120 | 79.25 | 20                  | 2-640384-0  |
|          | 2.964 | 75.29 | 19                  | 1-640384-9  |
|          | 2.808 | 71.32 | 18                  | 1-640384-8  |
|          | 2.652 | 67.36 | 17                  | 1-640384-7  |
|          | 2.496 | 63.40 | 16                  | 1-640384-6  |
|          | 2.340 | 59.44 | 15                  | 1-640384-5  |
|          | 2.184 | 55.47 | 14                  | 1-640384-4  |
|          | 2.028 | 51.51 | 13                  | 1-640384-3  |
|          | 1.872 | 47.55 | 12                  | 1-640384-2  |
| 1.716    | 43.59 | 11    | 1-640384-1          |             |
| 1.560    | 39.62 | 10    | 1-640384-0          |             |
| 1.404    | 35.66 | 9     | 640384-9            |             |
| 1.248    | 31.70 | 8     | 640384-8            |             |
| 1.092    | 27.74 | 7     | 640384-7            |             |
| .936     | 23.77 | 6     | 640384-6            |             |
| .780     | 19.81 | 5     | 640384-5            |             |
| .624     | 15.85 | 4     | 640384-4            |             |
| .468     | 11.89 | 3     | 640384-3            |             |
| .312     | 7.92  | 2     | 640384-2            |             |
| IN       | MM    |       |                     |             |

| IN   | MM   | IN    | MM    |
|------|------|-------|-------|
| .051 | 1.30 | -     | -     |
| .046 | 1.17 | -     | -     |
| .045 | 1.14 | 1.000 | 25.40 |
| .030 | 0.76 | .700  | 17.78 |
| .018 | 0.46 | .450  | 11.43 |
| .015 | 0.38 | .250  | 6.35  |
| .012 | 0.30 | .156  | 3.96  |
| .010 | 0.25 | .140  | 3.56  |
| .008 | 0.20 | .125  | 3.18  |
| .005 | 0.13 | .078  | 1.98  |
| .003 | 0.08 | .063  | 1.60  |
| .001 | 0.03 | .060  | 1.52  |
| IN   | MM   | IN    | MM    |

CONVERSION TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                    |  |                     |           |   |
|--------------------|--|---------------------|-----------|---|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN B LEWIS 14OCT92 | 14OCT92   | TE Connectivity   |
|                    |  | CHK R SWING         | 14JAN93   | MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 ROUND POST, TIN PLATED |
|                    |  | APVD R SPEER        |           |   |
|                    |  | PRODUCT SPEC        |           |   |
|                    |  | APPLICATION SPEC    |           |   |
| MATERIAL           | FINISH                                 | SIZE                | SCALE     | RESTRICTED TO   |
|                    |  | WEIGHT              | A1 00779  | 640384  |
|                    |  | CUSTOMER DRAWING    | SCALE 5:1 | SHEET 1 OF 1  |