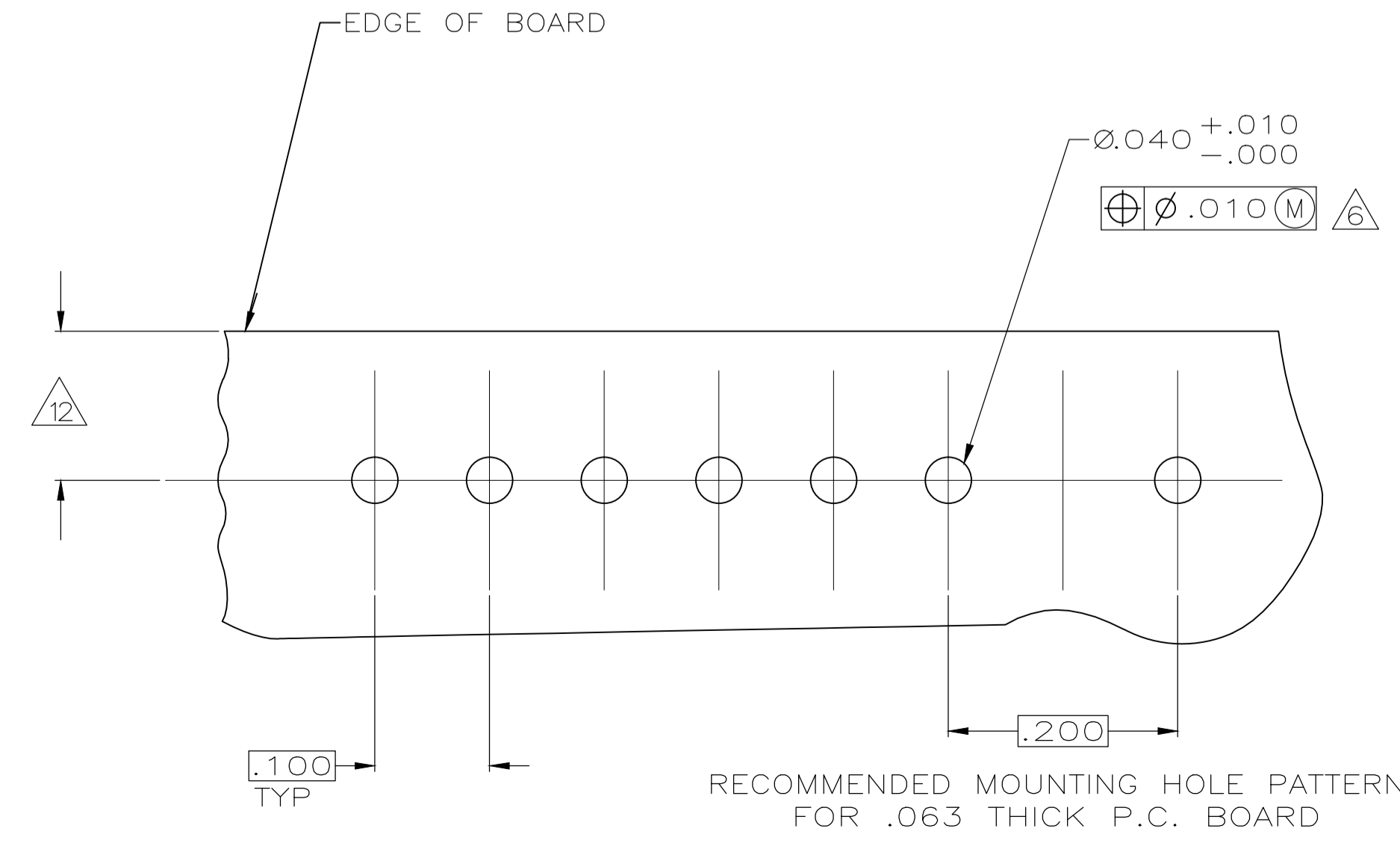


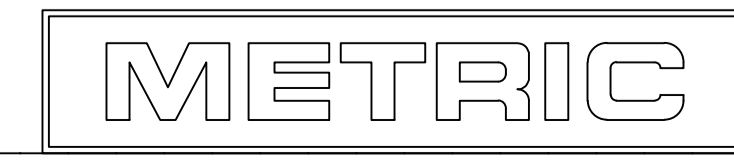
- 1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3. MEASURED AT SURFACE -A-
- 4. PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6. ONE HOLE MAY BE UNDERSIZED (.035/.032 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER 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 .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR WHEN MATING WITH A CST 100 CONNECTOR.
- 13. PIN BURR OF .005 MAX VERTICAL AND .003 MAX HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- 14. COLOR STRIPE BLACK IN APPROXIMATE LOCATION SHOWN.



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

| IN | MM | IN | MM |
|------|------|------|-------|
| .050 | 1.27 | - | - |
| .040 | 1.02 | .800 | 20.32 |
| .035 | 0.89 | .535 | 13.59 |
| .032 | 0.81 | .310 | 7.87 |
| .030 | 0.76 | .295 | 7.49 |
| .025 | 0.64 | .225 | 5.72 |
| .020 | 0.51 | .200 | 5.08 |
| .015 | 0.38 | .150 | 3.81 |
| .010 | 0.25 | .140 | 3.56 |
| .008 | 0.20 | .130 | 3.30 |
| .005 | 0.13 | .125 | 3.18 |
| .003 | 0.08 | .100 | 2.54 |
| .001 | 0.03 | .063 | 1.60 |
| IN | MM | IN | MM |

CONVERSION TABLE



THIS DRAWING IS A CONTROLLED DOCUMENT.

| | |
|-------------|--|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| INCHES: | 0. PLC ± - |
| | 1. PLC ± - |
| | 2. PLC ± - |
| | 3. PLC ± .005 |
| | 4. PLC ± - |
| | ANGLES ± 0° 30' |

| | | | |
|-----------------------|--|------------------|--|
| DIN B LEWIS 1-11-95 | | 1-11-95 | |
| CIR R SWING 1-11-95 | | 1-11-95 | |
| APVD B GENTRY 1-29-95 | | 1-29-95 | |
| NAME | | NAME | |
| APPLICATION SPEC | | APPLICATION SPEC | |
| WEIGHT | | WEIGHT | |
| SIZE | | SIZE | |
| CASE CODE | | CASE CODE | |
| DRAWING NO | | DRAWING NO | |
| RESTRICTED TO | | RESTRICTED TO | |
| CUSTOMER DRAWING | | CUSTOMER DRAWING | |

2 644832-1
POST NO. OMITTED PART NO

STE TE Connectivity

MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED.

A1 00779 C=644832

SCALE 8:1 SHEET 1 OF 1 REV C1