



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [0.063] THICK P.C. BOARD

- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) 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 (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-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 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

12	644180-8
2,3,4,6,7,8,10,11,12	644180-7
3,6,10,12	644180-6
9	644180-5
7	644180-4
6	644180-3
3	644180-2
5	644180-1
POST NO. OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0. PLC ±	1. PLC ±	2. PLC ±	3. PLC ± 0.13 [0.005]	4. PLC ±	ANGLES ± 0°30'
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MATERIAL: FINISH:

REV	DATE	DESCRIPTION	DATE	BY	APPV
S. HAMM	28-FEB-2001				
D. ROSSI	28-FEB-2001				
D. ROSSI	28-FEB-2001				

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

SIZE: A1 CASE CODE: 00779 DRAWING NO: 644180 WEIGHT: RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 8:1 SHEET: 1 OF 1 REV: N1

