



- 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.

RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD



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.		DWN: S. HAMM 28-FEB-2001	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: MM [INCHES]		CHK: D. BOSSI 28-FEB-2001	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: D. BOSSI 28-FEB-2001	NAME: MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED.
0 PLG ±	1 PLG ±	2 PLG ±	APPLICATION SPEC
3 PLG ±	4 PLG ±	ANGLES ± 0.13 [.005]	RESTRICTED TO
FINISH ± 0.30'		WEIGHT	SIZE: A1
MATERIAL		CUSTOMER DRAWING	SCALE: 8:1
			SHEET 1 OF 1
			REV N