



- $\triangle 1$ POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- $\triangle 2$ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- $\triangle 3$ MEASURED AT SURFACE $[-A-]$
- $\triangle 4$ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- $\triangle 6$ ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- $\triangle 7$ MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-0(NATURAL)
POST-COPPER ALLOY (TIN-LEAD PLATED)
- $\triangle 8$ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- $\triangle 10$ POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- $\triangle 11$ POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- $\triangle 12$ DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- $\triangle 13$ PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

IN	MM	IN	MM
1.000	25.40		
.035	0.89	.535	13.59
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.140	3.56
.010	0.25	.130	3.30
.008	0.20	.125	3.18
.005	0.13	.100	2.54
.003	0.08	.063	1.60
.001	0.03	.050	1.27
.000	0.00	.040	1.02

CONVERSION TABLE

RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK P.C. BOARD $\triangle 12$

IN	MM	NO OF POSITIONS	PART NUMBER
.800	20.32	8	644518-8
.600	15.24	6	644518-6
.500	12.70	5	644518-5
.400	10.16	4	644518-4
.300	7.62	3	644518-3
.200	5.08	2	644518-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN 6-8-92	REV L LEWIS
	0. PLC ± -	6-8-92	6-8-92
	1. PLC ± -		
	2. PLC ± -		
	3. PLC ± .005		
	4. PLC ± -		
	ANGLES ± 0° 30'		

MATERIAL $\triangle 7$ FINISH $\triangle 7$

APPROVED: R SWING
REVISED: R SPEER
DATE: 6-12-92

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

SIZE: A1
CASE CODE: 00779
DRAWING NO: 644518

RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 8:1 SHEET: 1 OF 1 REV: F1

