



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

- 1 MATERIAL:  
 BASE: THERMOPLASTIC POLYESTER, UL 94V-0 (NATURAL).  
 POST: COPPER ALLOY (TIN OR TIN LEAD-PLATED, .000150" MIN THK  
 SEE PART NUMBER TABLE FOR DETAILS)
- 2. AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.
- 3. PARTS MUST COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 4. PLASTIC AROUND POST PERMISSIBLE IN THIS AREA ONLY.
- 5. DIMENSION APPLIES WHEN HEADER IS HELD FLAT.
- 6. MEASURED AT -A-
- 7. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 8. RADIUS AT TIP PERMITTED, BOTH ENDS.
- 9. POST MUST WITHSTAND 3.0 LB (13 NEWTONS) MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
- 10. SOLDER SIDE OF BOARD IS SHOWN.
- 11. DIMENSION SHOULD BE .060 MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR.
- 12. HOLE IN OMITTED POST LOCATION MAY NOT BE PRESENT.

.0335	0.851	.688	17.48
.025	0.64	.505	12.83
.020	0.51	.295	7.49
.010	0.25	.200	5.08
.008	0.20	.110	2.79
.005	0.13	.100	2.54
.004	0.10	.092	2.34
.0030	0.076	.063	1.60
.003	0.08	.060	1.52
.002	0.05	.050	1.27
.001	0.03	.044	1.12
.000150	0.00381	.037	0.94
IN	MM	IN	MM

CONVERSION TABLE

3-644743-1 SHOWN

TIN	1, 7	2	3-644743-2
TIN-LEAD	1, 7	5	3-644743-1
	1, 7	2	644743-2
	1, 7	5	644743-1
FINISH	RETENTIVE POSITIONS	POST NO. OMITTED	PART NUMBER

SUPERSEDED BY 3-644743-2  
 SUPERSEDED BY 3-644743-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± - 4. PLC ± - ANGLES ± -	DRAWN BY: VISWESWARA CHK'D: BOSSI DATE: 15JULY2005	APPROVED BY: D. BOSSI DATE: 15JULY2005	NAME: MTA-100 HEADER ASSEMBLY, NARROW 0.64 [.025] SQUARE STRAIGHT POST W/RETENTIVE LEGS, TIN PLATED, 7 POSITION, W/OMITTED POST
MATERIAL: 1	FINISH: 1	SIZE: A1	SCALE: 10:1	WEIGHT: -

CUSTOMER DRAWING

