



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

- 1 MATERIAL:  
 BASE: THERMOPLASTIC POLYESTER, UL 94V-0 (NATURAL).  
 POST: COPPER ALLOY ( TIN OR TIN-PLATED, .000150" MIN THICK-SEE PART NUMBER TABLE FOR DETAILS ).
- 2 ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 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 MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
- 10 SOLDER SIDE OF BOARD IS SHOWN.
- 11 AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.

.032	0.81		
.0250	0.635	1.000	25.40
.025	0.64	.325	8.26
.020	0.51	.115	2.92
.010	0.25	.110	2.79
.008	0.20	.100	2.54
.005	0.13	.092	2.34
.004	0.10	.063	1.60
.003	0.08	.050	1.27
.0015	0.038	.044	1.12
.0010	0.025	.040	1.02
.000150	0.0038	.035	0.89
IN	MM	IN	MM

TIN	9	.888	22.56	9	3-644700-9
TIN-LEAD	9	.888	22.56	9	644700-9
FINISH	NO. OF POSTS	IN	MM	NO. OF CIRCUITS	PART NUMBER
		L			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME
INCHES:	0 PLC ± -	D. BOSSI	D. BOSSI
	1 PLC ± -		
	2 PLC ± -		
	3 PLC ± -		
	4 PLC ± -		
	ANGLES ± ± -		

MATERIAL: 1 FINISH: 1

APPROVED: VISWESWARA 07JULY2005  
 CHK: D. BOSSI 07JULY2005  
 NAME: MTA-100 HEADER ASSEMBLY, NARROW, .025 SQ POST-STRAIGHT, TIN OR TIN-LEAD

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 644700  
 WEIGHT: - RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 10:1 SHEET: 1 OF 1 REV: E

