



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK PC BOARD

.035	0.89	1.000	25.40
.032	0.81	.588	14.94
.0250	0.635	.505	12.83
.025	0.64	.295	7.49
.020	0.51	.200	5.08
.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	.060	1.52
.0015	0.038	.050	1.27
.0010	0.025	.044	1.12
.000150	0.0038	.040	1.02
IN	MM	IN	MM

CONVERSION TABLE

- 1 MATERIAL:
 BASE: THERMOPLASTIC POLYESTER, UL 94V-0 (NATURAL).
 POST: COPPER ALLOY (TIN OR TIN LEAD-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 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.
- 13 AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.

3-644346-2 SHOWN

SUPERSEDED BY 3-644346-7	TIN	5	3-644346-7
		3	3-644346-4
		2,4	3-644346-2
SUPERSEDED BY 3-644346-4	TIN-LEAD	5	644346-7
		3	644346-4
		2,4	644346-2
SUPERSEDED BY 3-644346-2	FINISH	POST NO. OMITTED	PART NUMBER

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT. DIN 9 VISWESWARA 07JULY2005
 CHK D BOSSI 07JULY2005
 AP'D D BOSSI 07JULY2005

Tyco Electronics Corporation
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MTA-100 HEADER ASSEMBLY, NARROW, .025 SQUARE STRAIGHT POST, TIN PLATED, 6 POSITION, OMITTED POST

SIZE: A1
 WEIGHT: -
 CUSTOMER DRAWING

SCALE: 10:1
 SHEET: 1 OF 1
 REV: L1