



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 THICK P.C. BOARD

0.56	.022	3.18	.125	-	-
0.51	.020	2.54	.100	-	-
0.38	.015	1.60	.063	25.40	1.000
0.25	.010	1.27	.050	13.21	.520
0.20	.008	1.02	.040	7.87	.310
0.13	.005	0.89	.035	7.49	.295
0.08	.003	0.81	.032	5.72	.225
0.03	.001	0.64	.025	3.30	.130
MM	IN	MM	IN	MM	IN

CONVERSION TABLE

- 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(0.81-0.89 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 3.30 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13 PIN BURR OF 0.13 MAX. VERTICAL AND 0.08 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

71.12	2.800	28	2-644874-8
68.58	2.700	27	2-644874-7
66.04	2.600	26	2-644874-6
63.50	2.500	25	2-644874-5
60.96	2.400	24	2-644874-4
58.42	2.300	23	2-644874-3
55.88	2.200	22	2-644874-2
53.34	2.100	21	2-644874-1
50.80	2.000	20	2-644874-0
48.26	1.900	19	1-644874-9
45.72	1.800	18	1-644874-8
43.18	1.700	17	1-644874-7
40.64	1.600	16	1-644874-6
38.10	1.500	15	1-644874-5
35.56	1.400	14	1-644874-4
33.02	1.300	13	1-644874-3
30.48	1.200	12	1-644874-2
27.94	1.100	11	1-644874-1
25.40	1.000	10	1-644874-0
22.86	.900	9	644874-9
20.32	.800	8	644874-8
17.78	.700	7	644874-7
15.24	.600	6	644874-6
12.70	.500	5	644874-5
10.16	.400	4	644874-4
7.62	.300	3	644874-3
5.08	.200	2	644874-2
MM	INCH	NO OF POSN	PART NUMBER
L			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN K. WHITAKER 21-JAN-04	CHK D. ROSSI 21-JAN-04	APVD D. ROSSI 21-JAN-04	NAME
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13	3 PLC ± -	4 PLC ± -	ANGLES ± 0°30'
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT	A1	00779	644874
CUSTOMER DRAWING		SCALE	8:1	SHEET	1 OF 1
		REV	C1		

STE TE Connectivity

MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, SQUARE POST, RETENTIVE LEG, TIN PLATED

METRIC

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