



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

0.64	.025	3.05	.120	25.40	1.000
0.51	.020	2.79	.110	7.87	.310
0.38	.015	2.54	.100	7.49	.295
0.25	.010	1.60	.063	5.72	.225
0.20	.008	1.27	.050	4.06	.160
0.13	.005	1.02	.040	3.56	.140
0.08	.003	0.89	.035	3.43	.135
0.03	.001	0.81	.032	3.18	.125
MM	IN	MM	IN	MM	IN

- 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. 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 2.79 - 4.06 WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR 2.79 - 3.05 WHEN MATING WITH A CST 100 CONNECTOR.
- 13. PIN BURR OF 0.13 MAX. VERTICAL AND 0.08 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- 14. PLASTIC DEFORMATION ALLOWED IN THIS AREA ONLY.

71.12	2.800	28	2-644875-8
68.58	2.700	27	2-644875-7
66.04	2.600	26	2-644875-6
63.50	2.500	25	2-644875-5
60.96	2.400	24	2-644875-4
58.42	2.300	23	2-644875-3
55.88	2.200	22	2-644875-2
53.34	2.100	21	2-644875-1
50.80	2.000	20	2-644875-0
48.26	1.900	19	1-644875-9
45.72	1.800	18	1-644875-8
43.18	1.700	17	1-644875-7
40.64	1.600	16	1-644875-6
38.10	1.500	15	1-644875-5
35.56	1.400	14	1-644875-4
33.02	1.300	13	1-644875-3
30.48	1.200	12	1-644875-2
27.94	1.100	11	1-644875-1
25.40	1.000	10	1-644875-0
22.86	.900	9	644875-9
20.32	.800	8	644875-8
17.78	.700	7	644875-7
15.24	.600	6	644875-6
12.70	.500	5	644875-5
10.16	.400	4	644875-4
7.62	.300	3	644875-3
5.08	.200	2	644875-2
MM	INCH	NO OF POSN	PART NUMBER
L			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0. PLC ± -
 1. PLC ± ±
 2. PLC ± ± 0.13
 3. PLC ± ±
 4. PLC ANGLES ± ± 0°30'

MATERIAL: 7
 FINISH: 7

THIS DRAWING IS A CONTROLLED DOCUMENT. DIN 6-29-95
 CHK: K. WHITAKER 21-JAN-04
 D. ROSSI 21-JAN-04
 APVD: D. ROSSI
 NAME: MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, SQ. POST, ANTI-TIP, TIN PLATED
 APPLICATION SPEC: -
 SIZE: A1
 CASE CODE: 00779
 DRAWING NO: 644875
 WEIGHT: -
 CUSTOMER DRAWING: -
 SCALE: 8:1
 SHEET: 1 OF 1
 REV: D1

STE TE Connectivity
 METRIC