



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

.060	1.52		
.045	1.14		
.030	0.76	1.000	25.40
.018	0.46	.700	17.78
.015	0.38	.450	11.43
.012	0.30	.415	10.54
.010	0.25	.250	6.35
.008	0.20	.156	3.96
.005	0.13	.140	3.56
.001	0.03	.125	3.18
0.003500	0.00889	.078	1.98
0.001500	0.00381	.070	1.78
0.000500	0.00127	.065	1.65
0.000300	0.00076	.063	1.60
IN	MM	IN	MM

CONVERSION TABLE

FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER
TIN	3.744	95.10	24	5-641202-4
TIN	3.588	91.14	23	5-641202-3
TIN	3.432	87.17	22	5-641202-2
TIN	3.276	83.21	21	5-641202-1
TIN	3.120	79.25	20	5-641202-0
TIN	2.964	75.29	19	4-641202-9
TIN	2.808	71.32	18	4-641202-8
TIN	2.652	67.36	17	4-641202-7
TIN	2.496	63.40	16	4-641202-6
TIN	2.340	59.44	15	4-641202-5
TIN	2.184	55.47	14	4-641202-4
TIN	2.028	51.51	13	4-641202-3
TIN	1.872	47.55	12	4-641202-2
TIN	1.716	43.59	11	4-641202-1
TIN	1.560	39.62	10	4-641202-0
TIN	1.404	35.66	9	3-641202-9
TIN	1.248	31.70	8	3-641202-8
TIN	1.092	27.74	7	3-641202-7
TIN	.936	23.77	6	3-641202-6
TIN	.780	19.81	5	3-641202-5
TIN	.624	15.85	4	3-641202-4
TIN	.468	11.89	3	3-641202-3
TIN	.312	7.92	2	3-641202-2
FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER

1. POST TO WITHSTAND 13 NEWTONS (3LBS.) 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 (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER NON-FILLED 94V-0(NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
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. POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
11. POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE .140 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY, OR A SL-156 CONNECTOR ASSEMBLY.
13. PLATING: GOLD PLATE AREA, .000030 GOLD OR .000003 MIN GOLD FLASH OVER .000027 PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST
14. BRIGHT TIN/LEAD (93/7) PLATE AREA, .000150-.000350 THICK, ALL FOUR SIDES, .175 MIN. FOR -2 THRU -24. MATTE TIN PLATE AREA, .000150-.000350 THICK ALL FOUR SIDES, .175" MIN FOR -32 THRU -54.
15. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER	
SUP BY 5-641202-4	TIN-LEAD	3.744	95.10	24	2-641202-4
SUP BY 5-641202-3	TIN-LEAD	3.588	91.14	23	2-641202-3
SUP BY 5-641202-2	TIN-LEAD	3.432	87.17	22	2-641202-2
SUP BY 5-641202-1	TIN-LEAD	3.276	83.21	21	2-641202-1
SUP BY 5-641202-0	TIN-LEAD	3.120	79.25	20	2-641202-0
SUP BY 4-641202-9	TIN-LEAD	2.964	75.29	19	1-641202-9
SUP BY 4-641202-8	TIN-LEAD	2.808	71.32	18	1-641202-8
SUP BY 4-641202-7	TIN-LEAD	2.652	67.36	17	1-641202-7
SUP BY 4-641202-6	TIN-LEAD	2.496	63.40	16	1-641202-6
	TIN-LEAD	2.340	59.44	15	1-641202-5
SUP BY 4-641202-4	TIN-LEAD	2.184	55.47	14	1-641202-4
SUP BY 4-641202-3	TIN-LEAD	2.028	51.51	13	1-641202-3
SUP BY 4-641202-2	TIN-LEAD	1.872	47.55	12	1-641202-2
SUP BY 4-641202-1	TIN-LEAD	1.716	43.59	11	1-641202-1
SUP BY 4-641202-0	TIN-LEAD	1.560	39.62	10	1-641202-0
SUP BY 3-641202-9	TIN-LEAD	1.404	35.66	9	1-641202-9
SUP BY 3-641202-8	TIN-LEAD	1.248	31.70	8	1-641202-8
SUP BY 3-641202-7	TIN-LEAD	1.092	27.74	7	1-641202-7
SUP BY 3-641202-6	TIN-LEAD	.936	23.77	6	1-641202-6
SUP BY 3-641202-5	TIN-LEAD	.780	19.81	5	1-641202-5
SUP BY 3-641202-4	TIN-LEAD	.624	15.85	4	1-641202-4
SUP BY 3-641202-3	TIN-LEAD	.468	11.89	3	1-641202-3
SUP BY 3-641202-2	TIN-LEAD	.312	7.92	2	1-641202-2
FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIN N. GANNON 20NOV92
 CHK R. SWING 20NOV92
 APVD R. SPEER 14JAN93
 PRODUCT SPEC

TE Connectivity

MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, .000030 GOLD

SIZE: A1
 CASE CODE: 00779
 DRAWING NO: 641202
 RESTRICTED TO: -

CUSTOMER DRAWING
 SCALE: 5:1
 SHEET: 1 of 1
 REV: AD

