

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

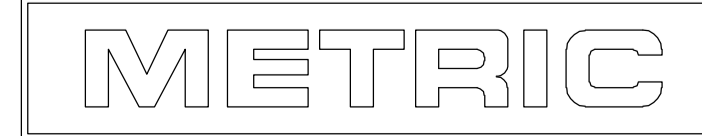
.012	0.30	.125	3.18	-	-
.010	0.25	.078	1.98	-	-
.008	0.20	.063	1.60	1.000	25.40
.005	0.13	.060	1.52	.750	19.05
.001	0.03	.051	1.30	.450	11.43
.000350	0.00889	.046	1.17	.415	10.54
.000150	0.00381	.045	1.14	.250	6.35
.000050	0.00127	.030	0.76	.175	4.45
.000015	0.00038	.018	0.46	.156	3.96
.000	0.00	.015	0.38	.140	3.56
IN	MM	IN	MM	IN	MM

CONVERSION TABLE

TIN	3.744	95.10	24	5-644764-4
TIN	3.588	91.14	23	5-644764-3
TIN	3.432	87.17	22	5-644764-2
TIN	3.276	83.21	21	5-644764-1
TIN	3.120	79.25	20	5-644764-0
TIN	2.964	75.29	19	4-644764-9
TIN	2.808	71.32	18	4-644764-8
TIN	2.652	67.36	17	4-644764-7
TIN	2.496	63.40	16	4-644764-6
TIN	2.340	59.44	15	4-644764-5
TIN	2.184	55.47	14	4-644764-4
TIN	2.028	51.51	13	4-644764-3
TIN	1.872	47.55	12	4-644764-2
TIN	1.716	43.59	11	4-644764-1
TIN	1.560	39.62	10	4-644764-0
TIN	1.404	35.66	9	3-644764-9
TIN	1.248	31.70	8	3-644764-8
TIN	1.092	27.74	7	3-644764-7
TIN	.936	23.77	6	3-644764-6
TIN	.780	19.81	5	3-644764-5
TIN	.624	15.85	4	3-644764-4
TIN	.468	11.89	3	3-644764-3
TIN	.312	7.92	2	3-644764-2
FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER
	L			

TIN-LEAD	3.744	95.10	24	2-644764-4
TIN-LEAD	3.588	91.14	23	2-644764-3
TIN-LEAD	3.432	87.17	22	2-644764-2
TIN-LEAD	3.276	83.21	21	2-644764-1
TIN-LEAD	3.120	79.25	20	2-644764-0
TIN-LEAD	2.964	75.29	19	1-644764-9
TIN-LEAD	2.808	71.32	18	1-644764-8
TIN-LEAD	2.652	67.36	17	1-644764-7
TIN-LEAD	2.496	63.40	16	1-644764-6
TIN-LEAD	2.340	59.44	15	1-644764-5
TIN-LEAD	2.184	55.47	14	1-644764-4
TIN-LEAD	2.028	51.51	13	1-644764-3
TIN-LEAD	1.872	47.55	12	1-644764-2
TIN-LEAD	1.716	43.59	11	1-644764-1
TIN-LEAD	1.560	39.62	10	1-644764-0
TIN-LEAD	1.404	35.66	9	644764-9
TIN-LEAD	1.248	31.70	8	644764-8
TIN-LEAD	1.092	27.74	7	644764-7
TIN-LEAD	.936	23.77	6	644764-6
TIN-LEAD	.780	19.81	5	644764-5
TIN-LEAD	.624	15.85	4	644764-4
TIN-LEAD	.468	11.89	3	644764-3
TIN-LEAD	.312	7.92	2	644764-2
FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER
	L			

- 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 (.051/.046 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. GOLD PLATE AREA, .000015 MIN., 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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN R VESTAL 22MAR96	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
0 PLC ± -	1 PLC ± -	CHK R SWING 22MAR96	NAME	
2 PLC ± -	3 PLC ± .005	APVD D. CLARK 22MAR96	PRODUCT SPEC	MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 ROUND POST, .000015 GOLD, SPECIAL
4 PLC ± -	ANGLES ± -	APPLICATION SPEC	SIZE	SCALE 5:1
MATERIAL	FINISH	WEIGHT	CAGE CODE DRAWING NO	SHEET 1 of 1
			A1 00779	REV B

CUSTOMER DRAWING