



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

- 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 GLASS-FILLED 94V-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 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .175 MIN WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.
- 14 TOOL MARKS PERMISSIBLE IN SOLDER TAIL AREA, HOWEVER, BARE METAL SHOWING IN SOLDERABLE AREA NOT ALLOWED.
- 15 OBSOLETE

.068	1.73	1.000	25.40
.065	1.65	.700	17.78
.063	1.60	.450	11.43
.060	1.52	.425	10.80
.045	1.14	.400	10.16
.030	0.76	.300	7.62
.015	0.38	.180	4.57
.012	0.30	.175	4.45
.010	0.25	.156	3.96
.008	0.20	.125	3.18
.005	0.13	.078	1.98
.003	0.08	.073	1.85
.001	0.03	.070	1.78
[IN]	MM	[IN]	MM

CONVERSION TABLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	1744017	

NOTES	MM	[IN]	NUMBER OF POSITIONS	PART NUMBER
15	47.55	1.872	12	1-1744017-2
15	43.59	1.716	11	1-1744017-1
15	39.62	1.560	10	1-1744017-0
15	35.66	1.404	9	1744017-9
15	31.70	1.248	8	1744017-8
15	27.74	1.092	7	1744017-7
15	23.77	.936	6	1744017-6
15	19.81	.780	5	1744017-5
15	15.85	.624	4	1744017-4
15	11.89	.468	3	1744017-3
	7.92	.312	2	1744017-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN K. WHITAKER 19JAN05	NAME
INCHES:		CHK D. ROSSI 19JAN05	MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, RETENTIVE LEG, TIN PLATED
0 PLC ± -	1 PLC ± -	APVD D. ROSSI 19JAN05	APPLICATION SPEC
2 PLC ± -	3 PLC ± .005		SIZE
4 PLC ± -	ANGLES ± -		SCALE
			WEIGHT
			CUSTOMER DRAWING

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SCALE 5:1 SHEET 1 OF 1 REV E