



RECOMMENDED MOUNTING HOLE PATTERN 2
FOR 1.60 [0.063] THICK P.C. BOARD

.065	1.65	.700	17.78
.063	1.60	.624	15.85
.060	1.52	.450	11.43
.045	1.14	.425	10.80
.030	0.76	.312	7.92
.015	0.38	.300	7.62
.012	0.30	.180	4.57
.010	0.25	.175	4.45
.008	0.20	.156	3.96
.006	0.15	.125	3.18
.005	0.13	.078	1.98
.003	0.08	.070	1.78
.001	0.03	.068	1.73
[IN]		MM	[IN]
MM		MM	

- 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 1.65 [.065]-1.52 [.060] ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-O (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 4.45 [.175] MIN WHEN MATING WITH A MTA .156 CONNECTOR ASSEMBLY OR A SL-.156 CONNECTOR ASSEMBLY.
- 13 MAXIMUM PIN BURR OF 1.65 [.005] HIGH X 1.52 [.003] WIDE PERMITTED AT POST TIPS ON BOTH ENDS.

OBsolete	3 AND 4	643493-6
	1 AND 2	643493-5
	3	643493-4
	2 AND 3	643493-3
	2	643493-1
POST NUMBER OMITTED	PART NUMBER	
643493-1 SHOWN		

THIS DRAWING IS A CONTROLLED DOCUMENT.
DRAFTS S. HOOVER 07NOV02
COPYS D. ROSSI 07NOV02
APVD D. ROSSI 07NOV02
PRODUCT SPEC
—
APPLICATION SPEC
—
MATERIAL 7 FINISH 7
WEIGHT —
SIZE CAGE CODE DRAWING NO
A1 00779 643493
RESTRICTED TO
CUSTOMER DRAWING
SCALE 5:1 SHEET 1 OF 1 REV U

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