



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
- 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 (SEE TABLE 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 .325-.400 WHEN MATING WITH AMTA 156 CONNECTOR ASSEMBLY OR .325-.345 WHEN MATING WITH A SL-156 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, .000015 GOLD OR .000003 MIN GOLD FLASH OVER .000012 PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: BRIGHT TIN-LEAD (93/7) PLATE AREA .000150-.000350 THICK ALL FOUR SIDES .125 MINIMUM FOR -1.
- 15 MATTE TIN PLATE .000150-.000350 THICK ALL FOUR SIDES .125 FOR 3--1.

.015	0.38	.175	4.45	1.000	25.40
.012	0.30	.156	3.96	.450	11.43
.010	0.25	.125	3.18	.425	10.80
.008	0.20	.078	1.98	.415	10.54
.005	0.13	.070	1.78	.400	10.16
.001	0.03	.068	1.73	.345	8.76
.000350	0.00889	.065	1.65	.325	8.26
.000150	0.00381	.063	1.60	.312	7.92
.000050	0.00127	.060	1.52	.300	7.62
.000015	0.00038	.045	1.14	.212	5.38
.000	0.00	.030	0.76	.180	4.57
[IN]	MM	[IN]	MM	[IN]	MM

CONVERSION TABLE

13, 15	2	3-647436-1
13, 14	2	647436-1
PLATING	POST NO. OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: D. ROSSI	NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, .045 SQUARE POST, .000015 GOLD, 3 POSITION, OMITTED POST
0. PLC ± -	1. PLC ± -	APVD: D. ROSSI	APPLICATION SPEC
2. PLC ± -	3. PLC ± -.005	SIZE: A1	CAGE CODE: 647436
4. PLC ± -	ANGLES ± -	WEIGHT: -	SCALE: 5:1
MATERIAL: △	FINISH: △	CUSTOMER DRAWING	SHEET 1 OF 1

STE TE Connectivity