



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 (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 .175 MIN WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 GOLD PLATE AREA, .000030 MIN., ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN., ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 BRIGHT TIN-LEAD (93/7) PLATE 0.00381(.000150") MIN THICK ALL FOUR SIDES 3.18(.125) MIN.
- 15 MATTE TIN PLATE PLATE 0.00381(.000150") MIN THICK ALL FOUR SIDES 3.18(.125) MIN.

METRIC

		1.560	39.62
.063	1.60	.650	16.51
.060	1.52	.624	15.85
.045	1.14	.400	10.16
.030	0.76	.425	10.80
.016	0.41	.365	9.27
.015	0.38	.312	7.92
.012	0.30	.300	7.62
.010	0.25	.180	4.57
.008	0.20	.175	4.45
.005	0.13	.156	3.96
.001	0.03	.125	3.18
.000350	0.00889	.078	1.98
.000150	0.00381	.070	1.78
.000050	0.00127	.068	1.73
.000030	0.00076	.065	1.65
[IN]	MM	[IN]	MM

CONVERSION TABLE

FINISH	3,5,7,8 & 9	3-643734-2
POST NUMBER OMITTED	3,5,7,8 & 9	643734-2
PART NUMBER		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWNS: S. HOOVER 07NOV02	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK: D. BOSSI 07NOV02	
APPRO: D. BOSSI 07NOV02	
NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, .000030 GOLD, 10 POSITION, OMITTED POSTS	
PRODUCT SPEC:	
APPLICATION SPEC:	
SIZE: A1	DATE CODE: 00779
WEIGHT:	DRAWING NO: 643734
CUSTOMER DRAWING	RESTRICTED TO: -

SCALE 5:1 SHEET 1 OF 1 REV N