



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  $\square$ -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 NON-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.

**METRIC**

.065	1.65	.936	23.77
.063	1.60	.700	17.78
.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
.009	0.23	.156	3.96
.008	0.20	.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

CONVERSION TABLE

2, 3 & 5	643569-6
3	643569-5
5	643569-4
2	643569-3
4	643569-2
2,5	643569-1
POST NUMBER OMITTED	PART NUMBER

643569-2 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. HOOVER 07-NOV-2002	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CIK D. ROSSI 07-NOV-2002	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. ROSSI 07-NOV-2002	NAME: MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, 6 POSITION, OMITTED POST
0 PLC ±	1 PLC ±	2 PLC ±	APPLICATION SPEC
3 PLC ±	4 PLC ±	ANGLES ±	SIZE: A1
MATERIAL		FINISH	WEIGHT
CUSTOMER DRAWING		SCALE: 5:1	SHEET 1 OF 1 REV R