



- 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-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 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.

.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

CONVERSION TABLE

RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD

643493-1 SHOWN

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. HOOVER 07NOV02	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK: D. ROSSI 07NOV02	NAME: MTA-.156 HEADER ASSEMBLY FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN LEAD PLATED, 4 POSITION, OMITTED POST	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: D. ROSSI 07NOV02	PRODUCT SPEC: --	
0 PLC ± -		APPLICATION SPEC: --	SIZE: A1	
1 PLC ± -		WEIGHT: --	SCALE: 5:1	
2 PLC ± -		CUSTOMER DRAWING	SHEET 1 OF 1	
3 PLC ± .005			REV U	
4 PLC ± -				
ANGLES ± -				