



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 (.051/.046 DIA.) FOR 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 .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.

		.780	19.81
.060	1.52	.700	17.78
.051	1.30	.450	11.43
.046	1.17	.425	10.80
.045	1.14	.312	7.92
.030	0.76	.300	7.62
.015	0.38	.180	4.57
.012	0.30	.175	4.45
.010	0.25	.156	3.96
.008	0.20	.125	3.18
.005	0.13	.078	1.98
.003	0.08	.068	1.73
.001	0.03	.063	1.60
[IN]	MM	[IN]	MM

CONVERSION TABLE

OBSOLETE	4	644205-6
	1	644205-5
	3	644205-2
OBSOLETE	2 & 4	644205-1
	POST NUMBER OMITTED	PART NUMBER

644205-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. HOOVER 07NOV02	 TE Connectivity
DIMENSIONS: INCHES		CJK D. ROSSI 07NOV02	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. ROSSI 07NOV02	NAME
0 PLC	± -	PRODUCT SPEC	MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 ROUND POST, TIN PLATED, 5 POSITION, OMITTED POST
1 PLC	± -	APPLICATION SPEC	SIZE
2 PLC	± -	WEIGHT	CAGE CODE
3 PLC	± .005	A1 00779	DRAWING NO
4 PLC	± -	644205	RESTRICTED TO
ANGLES	± -	CUSTOMER DRAWING	SCALE
		5:1	SHEET
		1 of 1	REV
		R	