



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK P.C. BOARD

- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS.) 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. 109-11-12.
- 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 (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 .140 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 GOLD PLATE AREA, .000015 MIN., ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN., ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 BRIGHT TIN/LEAD (93/7) PLATE AREA, .000150-.000350 THICK, ALL FOUR SIDES, .125 MIN.
- 15 MATTE TIN PLATE AREA .000150-.000350 THICK, ALL FOUR SIDES, .125 MIN.
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

.030	0.76	-	-
.018	0.46	.550	13.97
.015	0.38	.312	7.92
.012	0.30	.300	7.62
.010	0.25	.259	6.58
.008	0.20	.250	6.35
.005	0.13	.140	3.56
.001	0.03	.125	3.18
.000350	0.00889	.078	1.98
.000150	0.00381	.065	1.65
.000050	0.00127	.063	1.60
.000015	0.00038	.060	1.52
.000	0.00	.045	1.14
IN	MM	IN	MM

CONVERSION TABLE

16 SUPERSEDED	13/15	2	.468	11.89	3	3-647386-1
	13/14	2	.468	11.89	3	647386-1
PLATING		OMITTED POST NO.	IN	MM	NUMBER OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DW	K. WHITAKER	25FEB00
DIMENSIONS: INCHES		CHK	D. ROSSI	25FEB00
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	D. ROSSI	25FEB00
0. PLC	± -	NAME		
1. PLC	± -	MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 ROUND POST, .000015 GOLD,SPECIAL,OMITTED POST		
2. PLC	± -	APPLICATION SPEC		
3. PLC	± .005	SIZE	DRAWING NO	
4. PLC	± -	WEIGHT	A1 00779	
ANGLES	± -	CUSTOMER DRAWING	SCALE	5:1

METRIC

STE TE Connectivity

4805 (3/11)