



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [0.063] THICK P.C. BOARD

- △ POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- △ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- △ MEASURED AT **-A-**
- △ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2
- △ ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [0.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ MATERIAL: HEADER-THERMOPLASTIC POLYESTER 94V-0 (NATURAL) POST-COPPER ALLOY FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -28 AND NOTES 13 & 15 FOR -32 THRU -58
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-TOO TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- △ POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- △ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- △ DIMENSION SHOULD BE 3.30 [0.130] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
- △ PLATING: GOLD PLATE AREA, 0.00038 [0.000015] MINIMUM, ALL SIDES, AND ENTIRE LENGTH OF POST.
- △ PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [0.000150-0.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- △ PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-0.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

DIM (L)	NO. OF POSN	ASSEMBLY
71.12 (2.800)	28	5-641126-8
68.58 (2.700)	27	5-641126-7
66.04 (2.600)	26	5-641126-6
63.50 (2.500)	25	5-641126-5
60.96 (2.400)	24	5-641126-4
58.42 (2.300)	23	5-641126-3
55.88 (2.200)	22	5-641126-2
53.34 (2.100)	21	5-641126-1
50.80 (2.000)	20	5-641126-0
48.26 (1.900)	19	4-641126-9
45.72 (1.800)	18	4-641126-8
43.18 (1.700)	17	4-641126-7
40.64 (1.600)	16	4-641126-6
38.10 (1.500)	15	4-641126-5
35.56 (1.400)	14	4-641126-4
33.02 (1.300)	13	4-641126-3
30.48 (1.200)	12	4-641126-2
27.94 (1.100)	11	4-641126-1
25.40 (1.000)	10	4-641126-0
22.86 (.900)	9	3-641126-9
20.32 (.800)	8	3-641126-8
17.78 (.700)	7	3-641126-7
15.24 (.600)	6	3-641126-6
12.70 (.500)	5	3-641126-5
10.16 (.400)	4	3-641126-4
7.62 (.300)	3	3-641126-3
5.08 (.200)	2	3-641126-2

DIM (L)	NO. OF POSN	ASSEMBLY	REVISION	BY	CHK	APP
71.12 (2.800)	28	2-641126-8				
68.58 (2.700)	27	2-641126-7				
66.04 (2.600)	26	2-641126-6				
63.50 (2.500)	25	2-641126-5				
60.96 (2.400)	24	2-641126-4				
58.42 (2.300)	23	2-641126-3				
55.88 (2.200)	22	2-641126-2				
53.34 (2.100)	21	2-641126-1				
50.80 (2.000)	20	2-641126-0				
48.26 (1.900)	19	1-641126-9				
45.72 (1.800)	18	1-641126-8				
43.18 (1.700)	17	1-641126-7				
40.64 (1.600)	16	1-641126-6				
38.10 (1.500)	15	1-641126-5				
35.56 (1.400)	14	1-641126-4				
33.02 (1.300)	13	1-641126-3				
30.48 (1.200)	12	1-641126-2				
27.94 (1.100)	11	1-641126-1				
25.40 (1.000)	10	1-641126-0				
22.86 (.900)	9	641126-9				
20.32 (.800)	8	641126-8				
17.78 (.700)	7	641126-7				
15.24 (.600)	6	641126-6				
12.70 (.500)	5	641126-5				
10.16 (.400)	4	641126-4				
7.62 (.300)	3	641126-3				
5.08 (.200)	2	641126-2				



THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 08-20-2003  
 BY: BOSS  
 CHECKED BY: BOSS  
 DATE: 08-20-2003

TE Connectivity  
 MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .00015 GOLD PLATED

SIZE: 8.1  
 SHEET: 1 OF 1  
 REV: 00

CUSTOMER DRAWING: A100779 (G=641126)