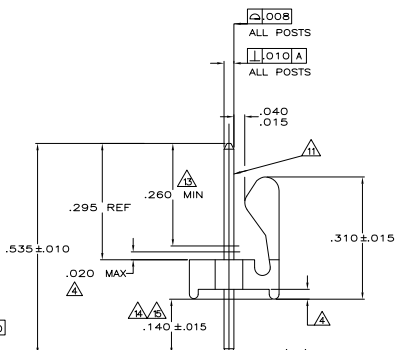
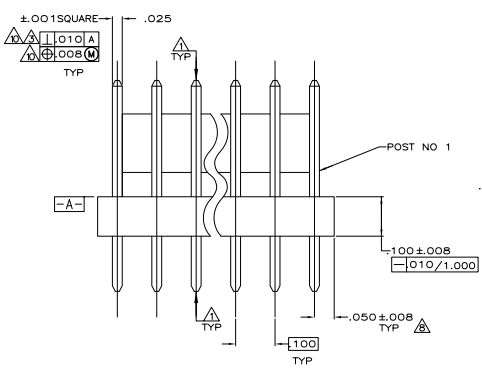
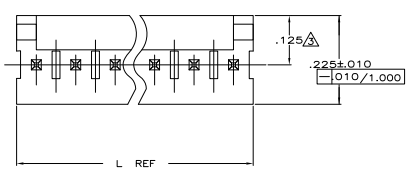


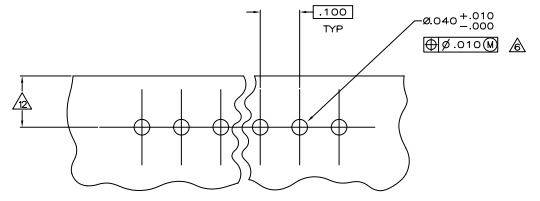
THIS DRAWING IS UNPUBLISHED  
 ALL RIGHTS RESERVED

REV	DATE	REVISIONS	BY	CHK
00	CM			
01	CM	REVISED PER EDD-11-004587	11MM11	RK HMR



IN	MM	IN	MM
.040	1.02		
.035	0.89		
.032	0.81		
.025	0.64	1.000	25.40
.020	0.51	.535	13.59
.015	0.38	.310	7.87
.010	0.25	.295	7.49
.008	0.20	.260	6.60
.005	0.13	.225	5.72
.001	0.03	.140	3.56
.0003500	.00889	.130	3.30
.0001500	.00381	.125	3.18
.0000500	.00127	.100	2.54
.0000300	.00076	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM

CONVERSION TABLE



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

IN	MM	NO OF POSITIONS	PART NUMBER
2.800	71.12	28	5-641215-8
2.700	68.58	27	5-641215-7
2.600	66.04	26	5-641215-6
2.500	63.50	25	5-641215-5
2.400	60.96	24	5-641215-4
2.300	58.42	23	5-641215-3
2.200	55.88	22	5-641215-2
2.100	53.34	21	5-641215-1
2.000	50.80	20	5-641215-0
1.900	48.26	19	4-641215-9
1.800	45.72	18	4-641215-8
1.700	43.18	17	4-641215-7
1.600	40.64	16	4-641215-6
1.500	38.10	15	4-641215-5
1.400	35.56	14	4-641215-4
1.300	33.02	13	4-641215-3
1.200	30.48	12	4-641215-2
1.100	27.94	11	4-641215-1
1.000	25.40	10	4-641215-0
.900	22.86	9	3-641215-9
.800	20.32	8	3-641215-8
.700	17.78	7	3-641215-7
.600	15.24	6	3-641215-6
.500	12.70	5	3-641215-5
.400	10.16	4	3-641215-4
.300	7.62	3	3-641215-3
.200	5.08	2	3-641215-2
IN	MM	NO OF POSITIONS	PART NUMBER

- △ POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- △ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- △ MEASURED AT SURFACE  $\overline{A-A}$
- △ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- △ ONE HOLE MAY BE UNDERSIZED(.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ MATERIAL: HEADER-THERMOPLASTIC POLYESTER UL94V-0(NATURAL)  
POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- △ POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- △ POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- △ DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- △ GOLD PLATE AREA,.00030 MIN,ALL SIDES,OVER NICKEL UNDERPLATE,.00050 MIN,ALL SIDES AND ENTIRE LENGTH OF POST.
- △ BRIGHT TIN/LEAD (93/7) PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.
- △ TIN PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINED PER D.RENAUD/D.SINISI

IN	MM	NO OF POSITIONS	PART NUMBER
2.800	71.12	28	2-641215-8
2.700	68.58	27	2-641215-7
2.600	66.04	26	2-641215-6
2.500	63.50	25	2-641215-5
2.400	60.96	24	2-641215-4
2.300	58.42	23	2-641215-3
2.200	55.88	22	2-641215-2
2.100	53.34	21	2-641215-1
2.000	50.80	20	2-641215-0
1.900	48.26	19	1-641215-9
1.800	45.72	18	1-641215-8
1.700	43.18	17	1-641215-7
1.600	40.64	16	1-641215-6
1.500	38.10	15	1-641215-5
1.400	35.56	14	1-641215-4
1.300	33.02	13	1-641215-3
1.200	30.48	12	1-641215-2
1.100	27.94	11	1-641215-1
1.000	25.40	10	1-641215-0
.900	22.86	9	641215-9
.800	20.32	8	641215-8
.700	17.78	7	641215-7
.600	15.24	6	641215-6
.500	12.70	5	641215-5
.400	10.16	4	641215-4
.300	7.62	3	641215-3
.200	5.08	2	641215-2
IN	MM	NO OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

REV: 000001 (1/19/93)  
 BY: M. BOSTER  
 DATE: 1/19/93

MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000050 GOLD PLATED

REVISED PER EDD-11-004587

DATE: 8.1 SHEET: 1 OF 1

