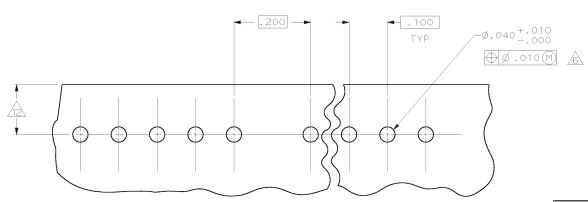
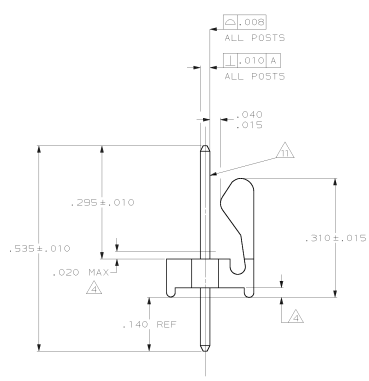
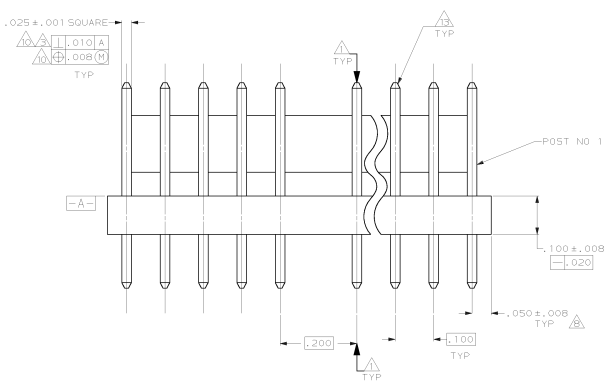
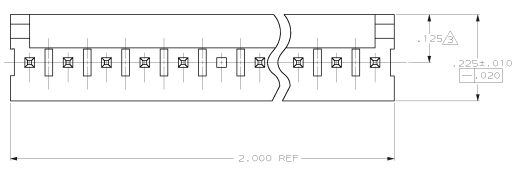


UNLESS SHOWN IN CROSS-SECTION, THIS DRAWING IS UNIDIRECTIONAL. © COPYRIGHT 1988 BY AMP INCORPORATED. ALL INTERNATIONAL RIGHTS RESERVED.

REV IS IONS		DATE	APPR
CM	54		
REV	PER	EC	0038-0018-99



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

- △ 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 -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 ULS94V-0(NATURAL) POST-COPPER ALLOY (TIN-PLATED)
- △ 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.
- △ PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

MM	IN	MM	IN
.050	1.27		
.040	1.02		
.035	0.89	2.000	50.80
.032	0.81	.535	13.58
.025	0.64	.310	7.87
.020	0.51	.295	7.49
.015	0.38	.225	5.72
.010	0.25	.200	5.08
.008	0.20	.140	3.56
.005	0.13	.130	3.30
.003	0.08	.125	3.18
.001	0.03	.100	2.54
.000	0.00	.063	1.60
IN	MM	IN	MM

MM	IN
1	0.039
2	0.079
3	0.118
4	0.157
5	0.197
6	0.236
7	0.275
8	0.315
9	0.354
10	0.394
11	0.433
12	0.473
13	0.512
14	0.552
15	0.591
16	0.631
17	0.671
18	0.710
19	0.750
20	0.789
21	0.829
22	0.868
23	0.908
24	0.947
25	0.987
26	1.026
27	1.066
28	1.105
29	1.145
30	1.184
31	1.224
32	1.263
33	1.303
34	1.342
35	1.382
36	1.421
37	1.461
38	1.500
39	1.540
40	1.579
41	1.619
42	1.658
43	1.698
44	1.737
45	1.777
46	1.816
47	1.856
48	1.895
49	1.935
50	1.975
51	2.014
52	2.054
53	2.093
54	2.133
55	2.172
56	2.212
57	2.251
58	2.291
59	2.330
60	2.370
61	2.409
62	2.449
63	2.488
64	2.528
65	2.567
66	2.607
67	2.646
68	2.686
69	2.725
70	2.765
71	2.804
72	2.844
73	2.883
74	2.923
75	2.962
76	3.002
77	3.041
78	3.081
79	3.120
80	3.160
81	3.199
82	3.239
83	3.278
84	3.318
85	3.357
86	3.397
87	3.436
88	3.476
89	3.515
90	3.555
91	3.594
92	3.634
93	3.673
94	3.713
95	3.752
96	3.792
97	3.831
98	3.871
99	3.910
100	3.950

644296-1 SHOWN

5	644296-4
17	644296-3
4	644296-2
15	644296-1
POST NUMBER OMITTED PART NUMBER	

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN MM (INCHES) TOLERANCES: DR ± .15 (0.005) 2 PLE DEC ± .005 3 PLE DEC ± .005 4 PLE DEC ± .010		DR 3-10-95 1. AMPEN CIR 3-10-95 2. S. SENTRY APPD 3-10-95 3. S. SENTRY PRODUCED BY MATERIAL	AMP Incorporated Harrisburg, PA 17105-3608
FINISH		APPLICATION SPEC	SIZE CASE EDGE DRAWING NO
MATERIAL		PRODUCT SPEC	D 00779 G-644296
POST NO. OMITTED		PART NO.	
NAME		MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, 20 POSITION, OMITTED POST	
SCALE: B:1		SHEET: 1 OF 1	



THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING AND REVISIONS ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.