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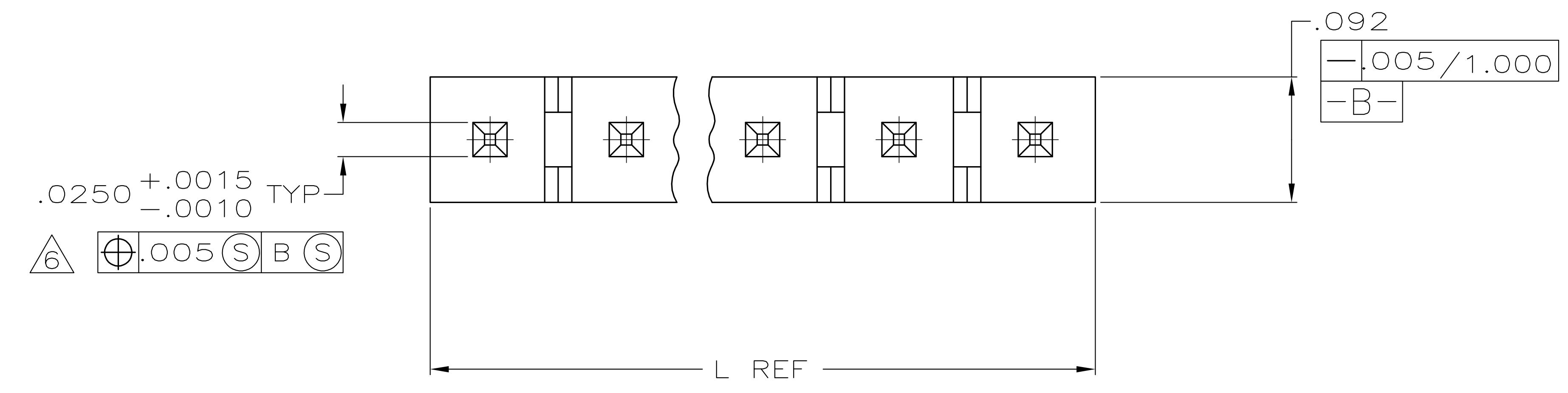
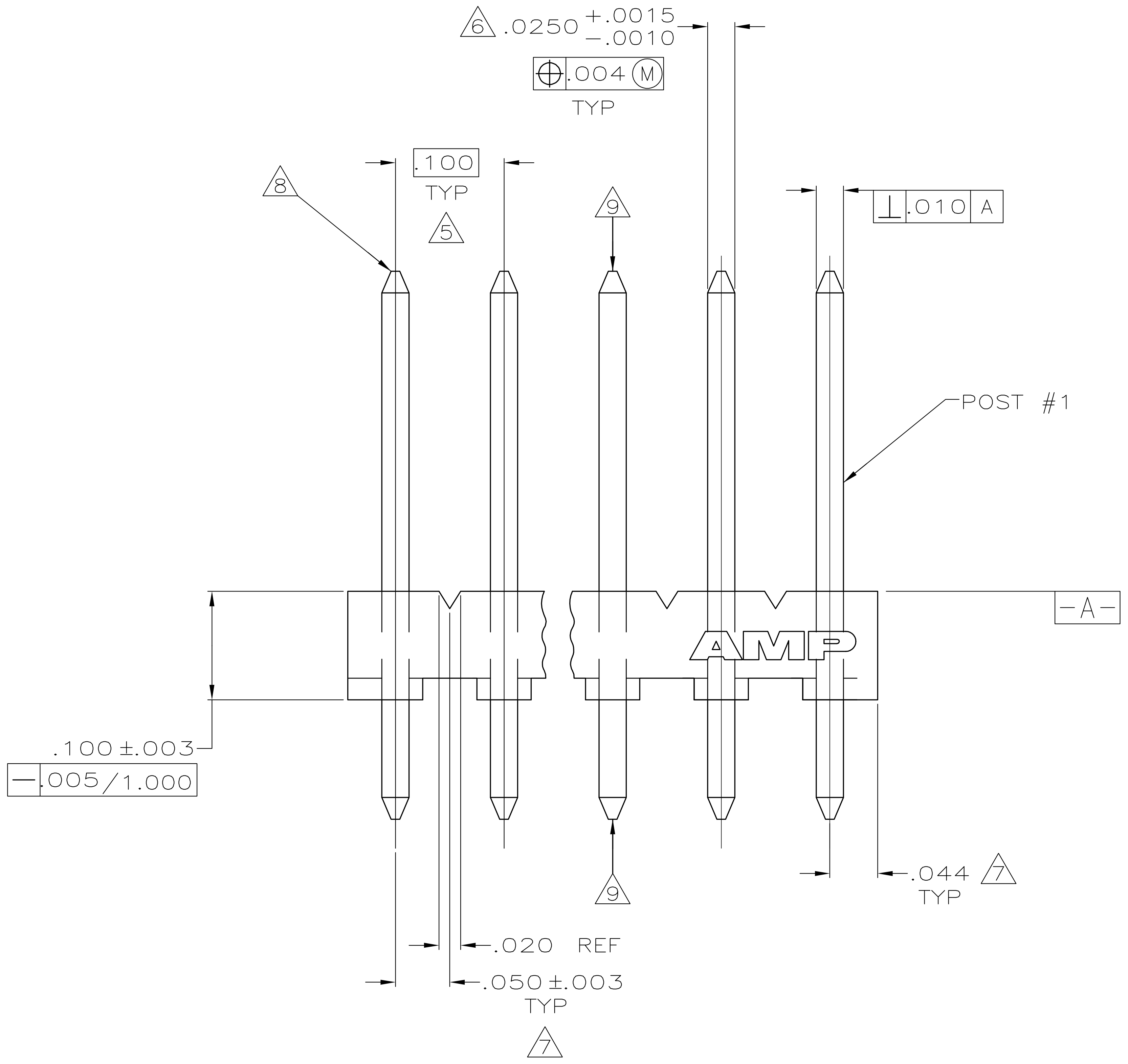
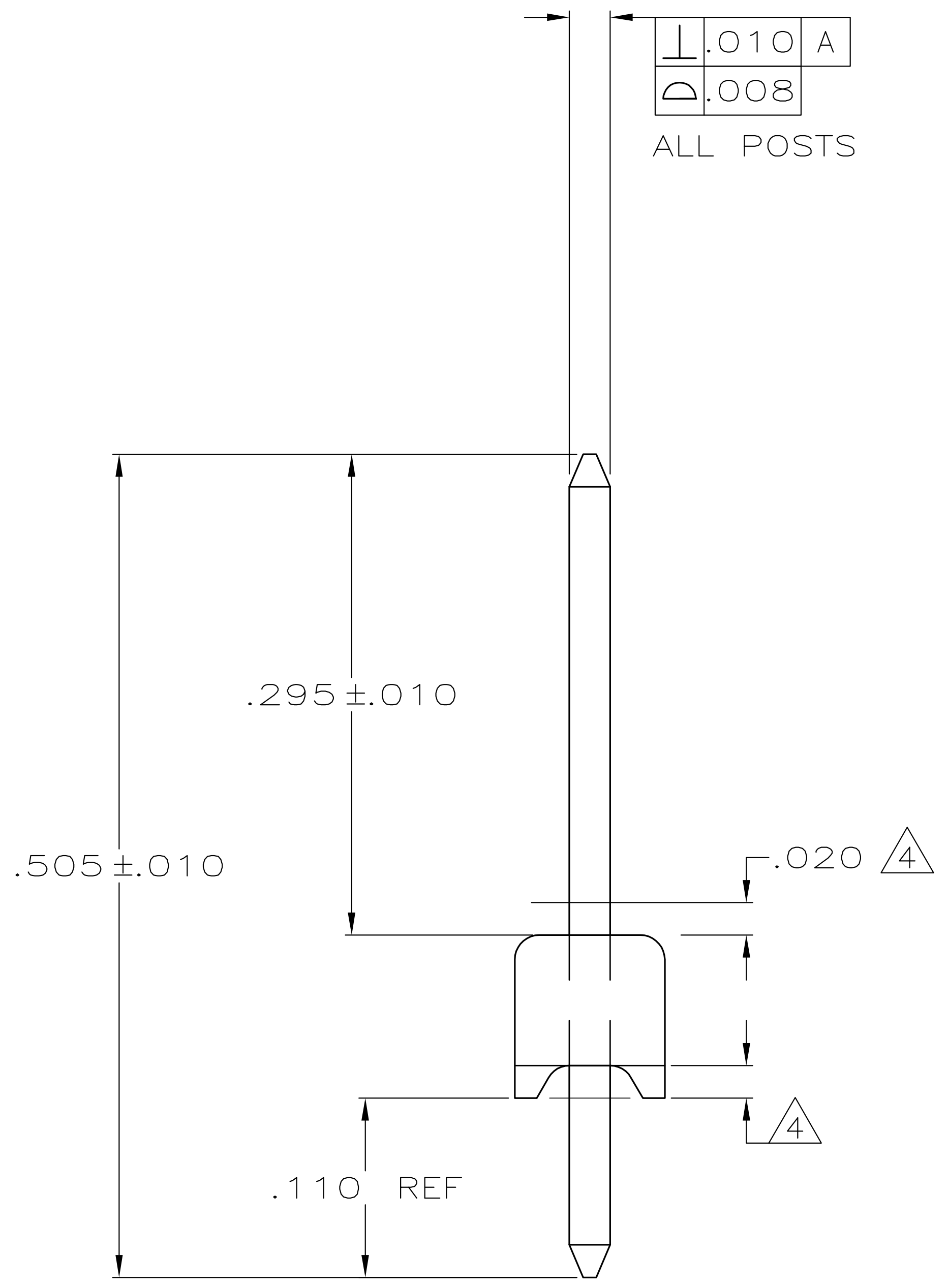
LOC	DIST
CM	54

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECO-11-004820	11MAR11	RK	HMR

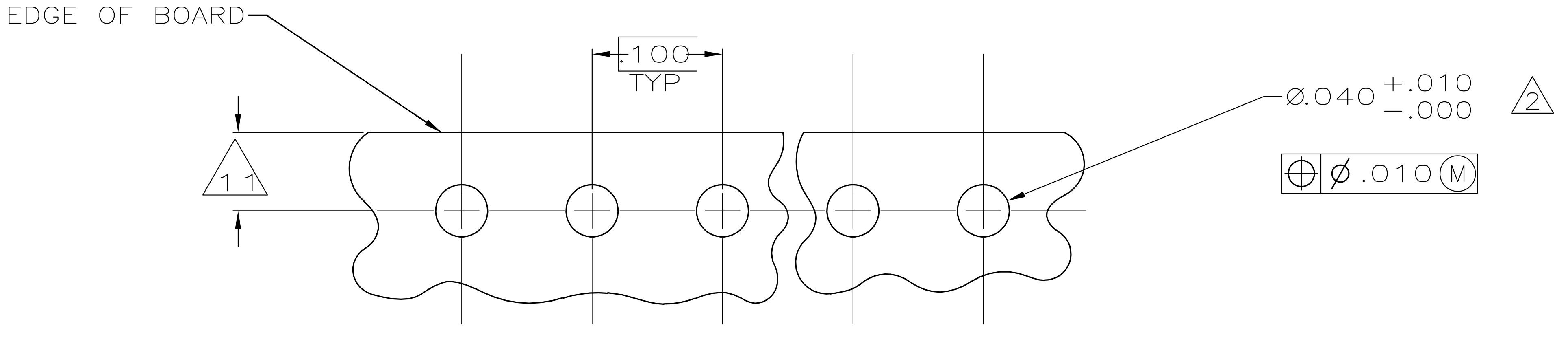






1. MATERIAL:
   BASE: THERMOPLASTIC POLYESTER, UL 94V-0 (NATURAL).
   POST: COPPER ALLOY (GOLD PLATED, .000030 MIN THK).
2. ONE HOLE MAY BE UNDERSIZED (.032 – .035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
3. PARTS MUST COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
4. PLASTIC AROUND POST PERMISSIBLE IN THIS AREA ONLY.
5. DIMENSION APPLIES WHEN HEADER IS HELD FLAT.
6. MEASURED AT -A-
7. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
8. RADIUS AT TIP PERMITTED, BOTH ENDS.
9. POST MUST WITHSTAND 3.0 LB (13 NEWTONS) MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
10. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
11. DIMENSION SHOULD BE .060 MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR.
12. AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.

NO. OF POSTS	L IN	L MM	NO. OF CIRCUITS	PART NUMBER
28	2.788	70.82	28	2-644884-8
27	2.688	68.28	27	2-644884-7
26	2.588	65.74	26	2-644884-6
25	2.488	63.20	25	2-644884-5
24	2.388	60.66	24	2-644884-4
23	2.288	58.12	23	2-644884-3
22	2.188	55.58	22	2-644884-2
21	2.088	53.04	21	2-644884-1
20	1.988	50.50	20	2-644884-0
19	1.888	47.96	19	1-644884-9
18	1.788	45.42	18	1-644884-8
17	1.688	42.88	17	1-644884-7
16	1.588	40.34	16	1-644884-6
15	1.488	37.80	15	1-644884-5
14	1.388	35.26	14	1-644884-4
13	1.288	32.72	13	1-644884-3
12	1.188	30.18	12	1-644884-2
11	1.088	27.64	11	1-644884-1
10	.988	25.10	10	1-644884-0
9	.888	22.56	9	644884-9
8	.788	20.02	8	644884-8
7	.688	17.48	7	644884-7
6	.588	14.94	6	644884-6
5	.488	12.40	5	644884-5
4	.388	9.86	4	644884-4
3	.288	7.32	3	644884-3
2	.188	4.78	2	644884-2



RECOMMENDED MOUNTING HOLE PATTERN
FOR .063 THICK P.C. BOARD 10

IN	MM	IN	MM
.032	0.81	–	–
.0250	0.635	1.000	25.40
.025	0.64	.505	12.83
.020	0.51	.295	7.49
.010	0.25	.110	2.79
.008	0.20	.100	2.54
.005	0.13	.092	2.34
.004	0.10	.063	1.60
.003	0.08	.060	1.52
.0015	0.038	.050	1.27
.0010	0.025	.044	1.12
.000030	0.00076	.040	1.02
.000	0.00	.035	0.89

CONVERSION TABLE

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± –

MATERIAL – 1
FINISH – 1

DWN 3-27-96 R. VESTAL
CHK 3-27-96 R. SWING
APVD 3-27-96 R. WILSON
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
MTA-100 HEADER ASSEMBLY,NARROW,
.025 SQUARE STRAIGHT POST,
.000030 GOLD PLATED

SIZE A1
CAGE CODE 00779
DRAWING NO C-644884
RESTRICTED TO —

CUSTOMER DRAWING
SCALE 10:1
SHEET 1 OF 1
REV A1