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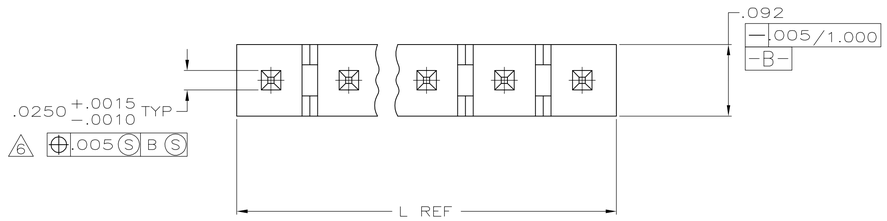
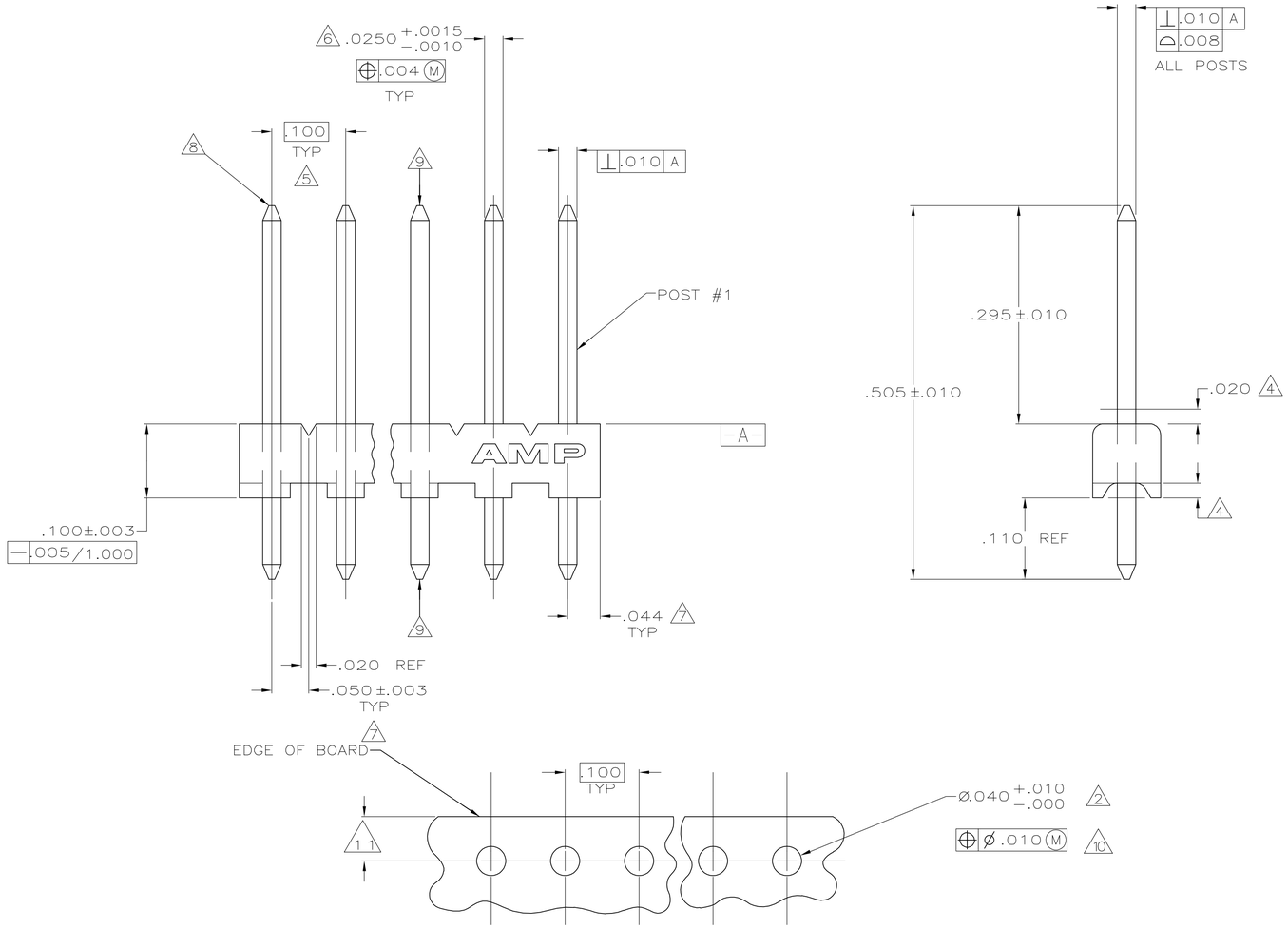
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D1	REVISED PER ECO-07-001393	19JAN07	KW	DB

1. MATERIAL:
   BASE: THERMOPLASTIC POLYESTER,UL 94V-O (NATURAL).
   POST: COPPER ALLOY (TIN OR TIN LEAD PLATED,.000150 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 MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
10. SOLDER SIDE OF BOARD IS SHOWN.
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.





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

	YES	28	2.788	70.82	28	5-644456-8
		27	2.688	68.28	27	5-644456-7
		26	2.588	65.74	26	5-644456-6
		25	2.488	63.20	25	5-644456-5
		24	2.388	60.66	24	5-644456-4
		23	2.288	58.12	23	5-644456-3
		22	2.188	55.58	22	5-644456-2
		21	2.088	53.04	21	5-644456-1
		20	1.988	50.50	20	5-644456-0
		19	1.888	47.96	19	4-644456-9
		18	1.788	45.42	18	4-644456-8
		17	1.688	42.88	17	4-644456-7
		16	1.588	40.34	16	4-644456-6
		15	1.488	37.80	15	4-644456-5
		14	1.388	35.26	14	4-644456-4
		13	1.288	32.72	13	4-644456-3
		12	1.188	30.18	12	4-644456-2
		11	1.088	27.64	11	4-644456-1
		10	.988	25.10	10	4-644456-0
		9	.888	22.56	9	3-644456-9
		8	.788	20.02	8	3-644456-8
		7	.688	17.48	7	3-644456-7
		6	.588	14.94	6	3-644456-6
		5	.488	12.40	5	3-644456-5
		4	.388	9.86	4	3-644456-4
		3	.288	7.32	3	3-644456-3
		2	.188	4.78	2	3-644456-2
SUPERSEDED BY 5-644456-8	NO	28	2.788	70.82	28	2-644456-8
SUPERSEDED BY 5-644456-7		27	2.688	68.28	27	2-644456-7
SUPERSEDED BY 5-644456-6		26	2.588	65.74	26	2-644456-6
SUPERSEDED BY 5-644456-5		25	2.488	63.20	25	2-644456-5
SUPERSEDED BY 5-644456-4		24	2.388	60.66	24	2-644456-4
SUPERSEDED BY 5-644456-3		23	2.288	58.12	23	2-644456-3
SUPERSEDED BY 5-644456-2		22	2.188	55.58	22	2-644456-2
SUPERSEDED BY 5-644456-1		21	2.088	53.04	21	2-644456-1
SUPERSEDED BY 5-644456-0		20	1.988	50.50	20	2-644456-0
SUPERSEDED BY 4-644456-9		19	1.888	47.96	19	1-644456-9
SUPERSEDED BY 4-644456-8		18	1.788	45.42	18	1-644456-8
SUPERSEDED BY 4-644456-7		17	1.688	42.88	17	1-644456-7
SUPERSEDED BY 4-644456-6		16	1.588	40.34	16	1-644456-6
SUPERSEDED BY 4-644456-5		15	1.488	37.80	15	1-644456-5
SUPERSEDED BY 4-644456-4		14	1.388	35.26	14	1-644456-4
SUPERSEDED BY 4-644456-3		13	1.288	32.72	13	1-644456-3
SUPERSEDED BY 4-644456-2		12	1.188	30.18	12	1-644456-2
SUPERSEDED BY 4-644456-1		11	1.088	27.64	11	1-644456-1
SUPERSEDED BY 4-644456-0		10	.988	25.10	10	1-644456-0
SUPERSEDED BY 3-644456-9		9	.888	22.56	9	644456-9
SUPERSEDED BY 3-644456-8		8	.788	20.02	8	644456-8
SUPERSEDED BY 3-644456-7		7	.688	17.48	7	644456-7
SUPERSEDED BY 3-644456-6		6	.588	14.94	6	644456-6
SUPERSEDED BY 3-644456-5		5	.488	12.40	5	644456-5
SUPERSEDED BY 3-644456-4		4	.388	9.86	4	644456-4
SUPERSEDED BY 3-644456-3		3	.288	7.32	3	644456-3
SUPERSEDED BY 3-644456-2		2	.188	4.78	2	644456-2
	LEADFREE	NO. OF POSTS	L IN	L MM	NO. OF CIRCUITS	

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 S. CARPENTER 23MAY2003
CHK D. BOSSI 23MAY2003
APVD D. BOSSI 23MAY2003
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

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

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-644456 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV D1