

IN	MM	IN	MM
1.000	25.40		
.035	0.89	.535	13.59
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.140	3.56
.010	0.25	.130	3.30
.008	0.20	.125	3.18
.005	0.13	.100	2.54
.003	0.08	.063	1.60
.001	0.03	.050	1.27
.000	0.00	.040	1.02

- 1. POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3. MEASURED AT SURFACE -A-
- 4. PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6. ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-0(NATURAL)
POST-COPPER ALLOY (TIN-PLATED)
- 8. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10. POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11. POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12. DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13. PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

L	MM	NO OF POSITIONS	PART NUMBER
2.800	71.12	28	2-640456-8
2.700	68.58	27	2-640456-7
2.600	66.04	26	2-640456-6
2.500	63.50	25	2-640456-5
2.400	60.96	24	2-640456-4
2.300	58.42	23	2-640456-3
2.200	55.88	22	2-640456-2
2.100	53.34	21	2-640456-1
2.000	50.80	20	2-640456-0
1.900	48.26	19	1-640456-9
1.800	45.72	18	1-640456-8
1.700	43.18	17	1-640456-7
1.600	40.64	16	1-640456-6
1.500	38.10	15	1-640456-5
1.400	35.56	14	1-640456-4
1.300	33.02	13	1-640456-3
1.200	30.48	12	1-640456-2
1.100	27.94	11	1-640456-1
1.000	25.40	10	1-640456-0
.900	22.86	9	640456-9
.800	20.32	8	640456-8
.700	17.78	7	640456-7
.600	15.24	6	640456-6
.500	12.70	5	640456-5
.400	10.16	4	640456-4
.300	7.62	3	640456-3
.200	5.08	2	640456-2

METRIC

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

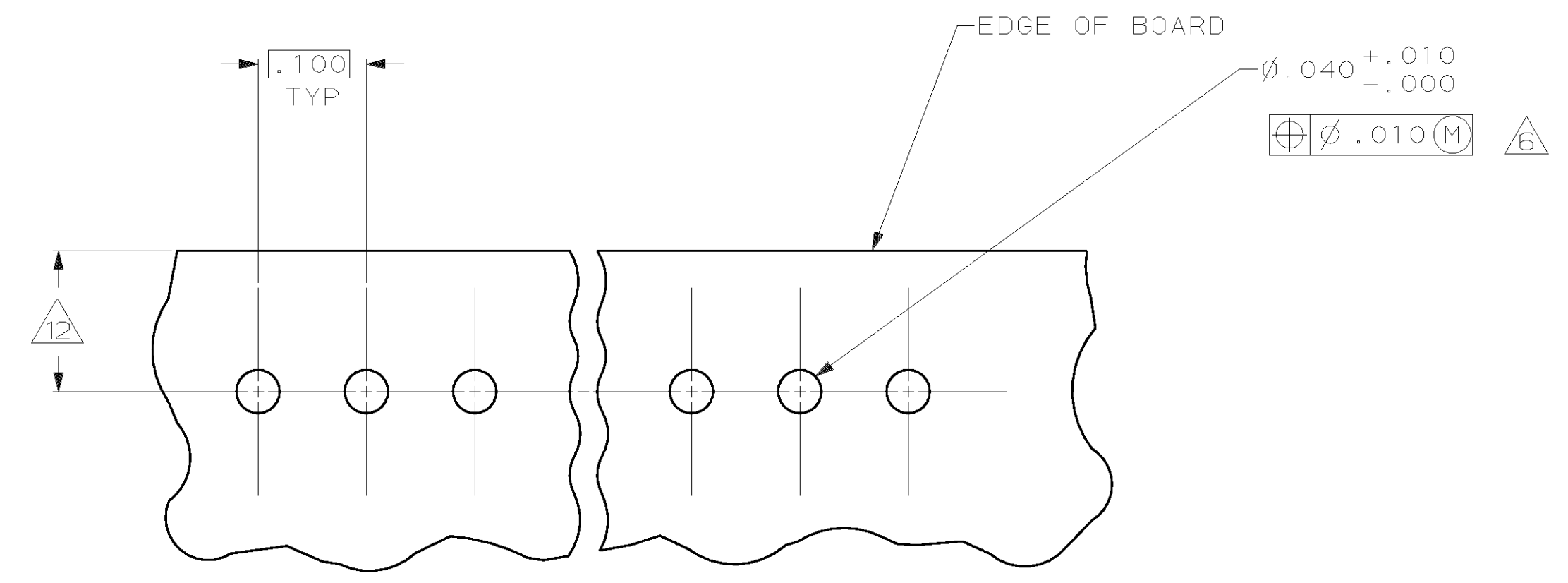
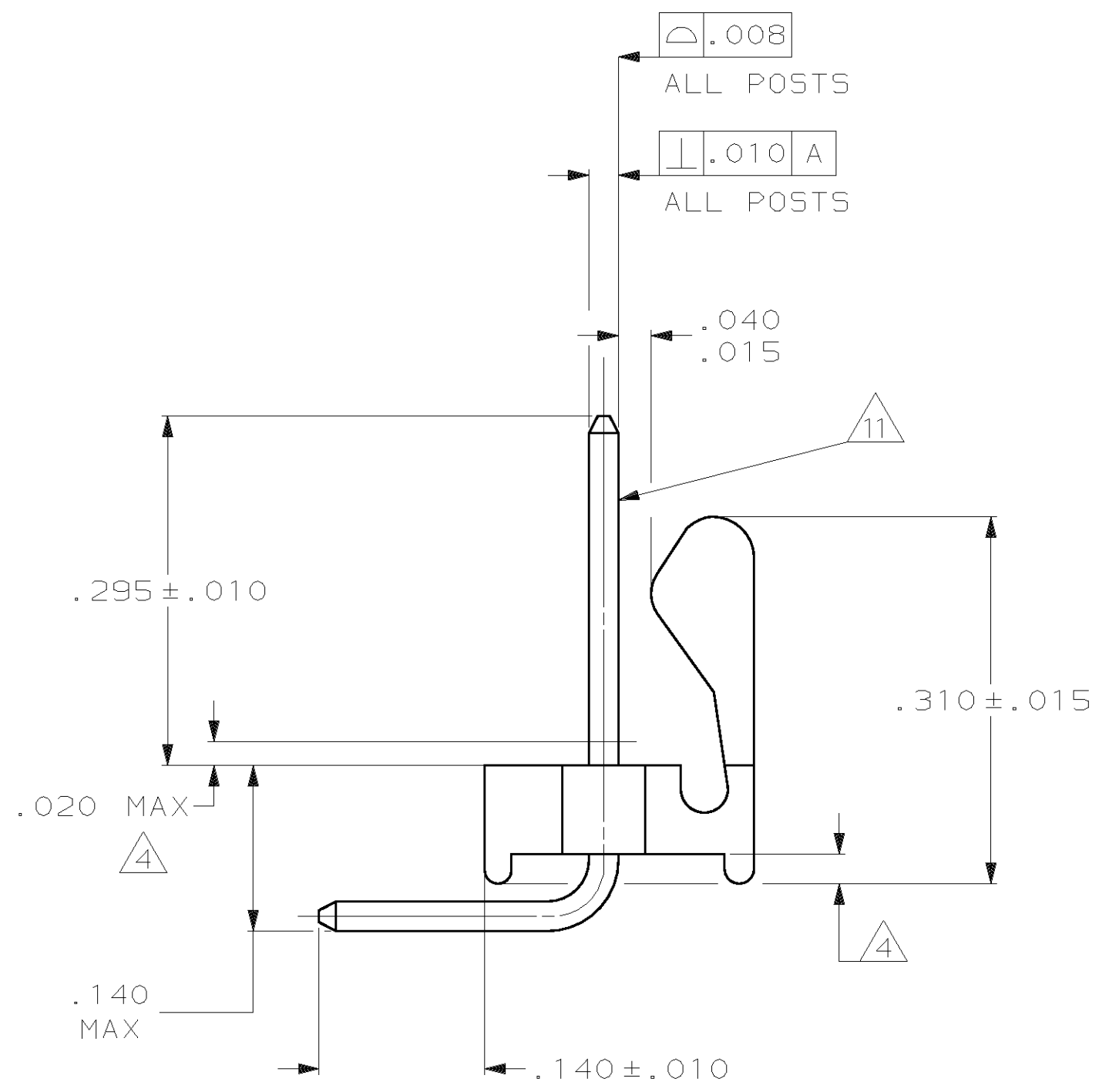
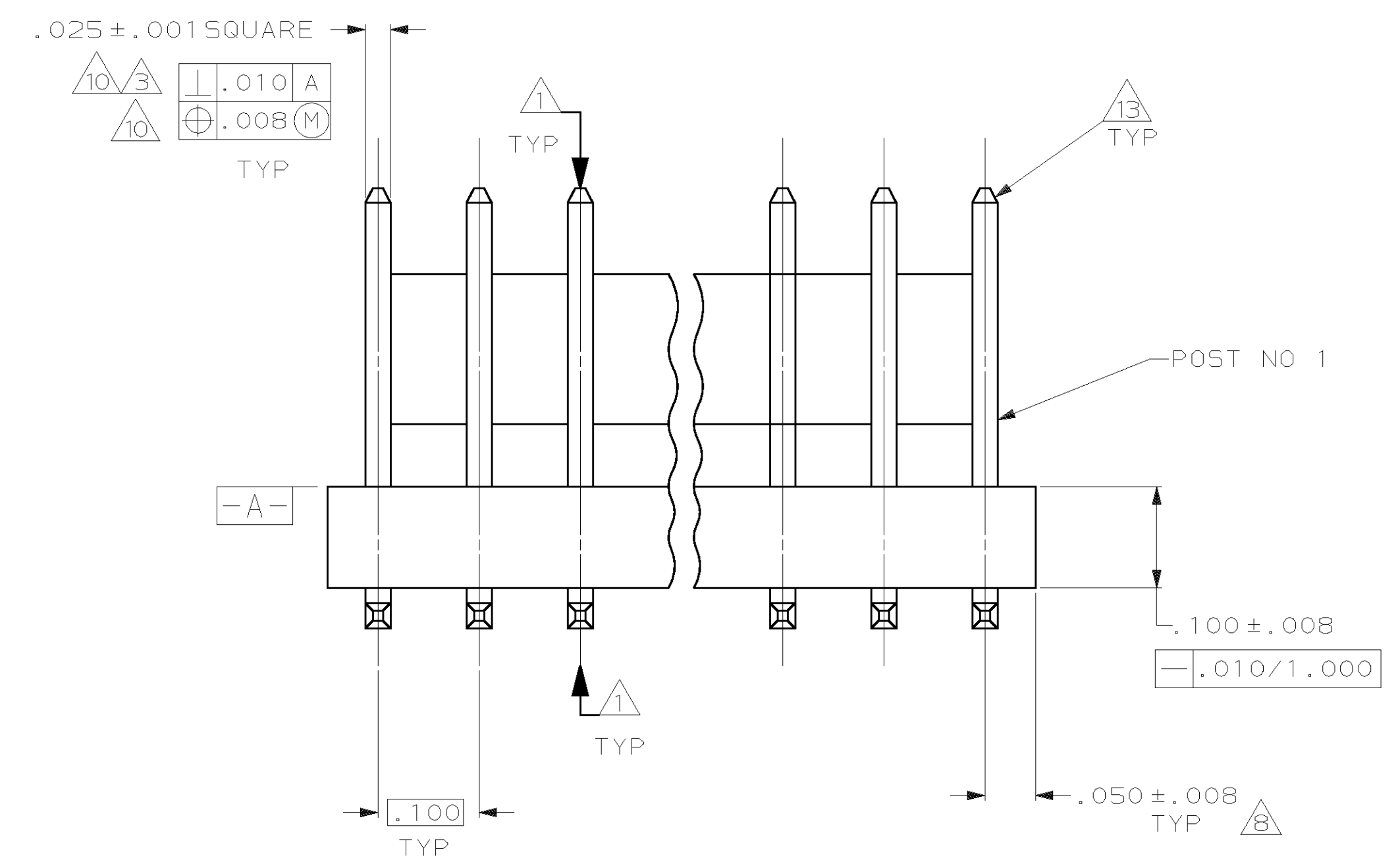
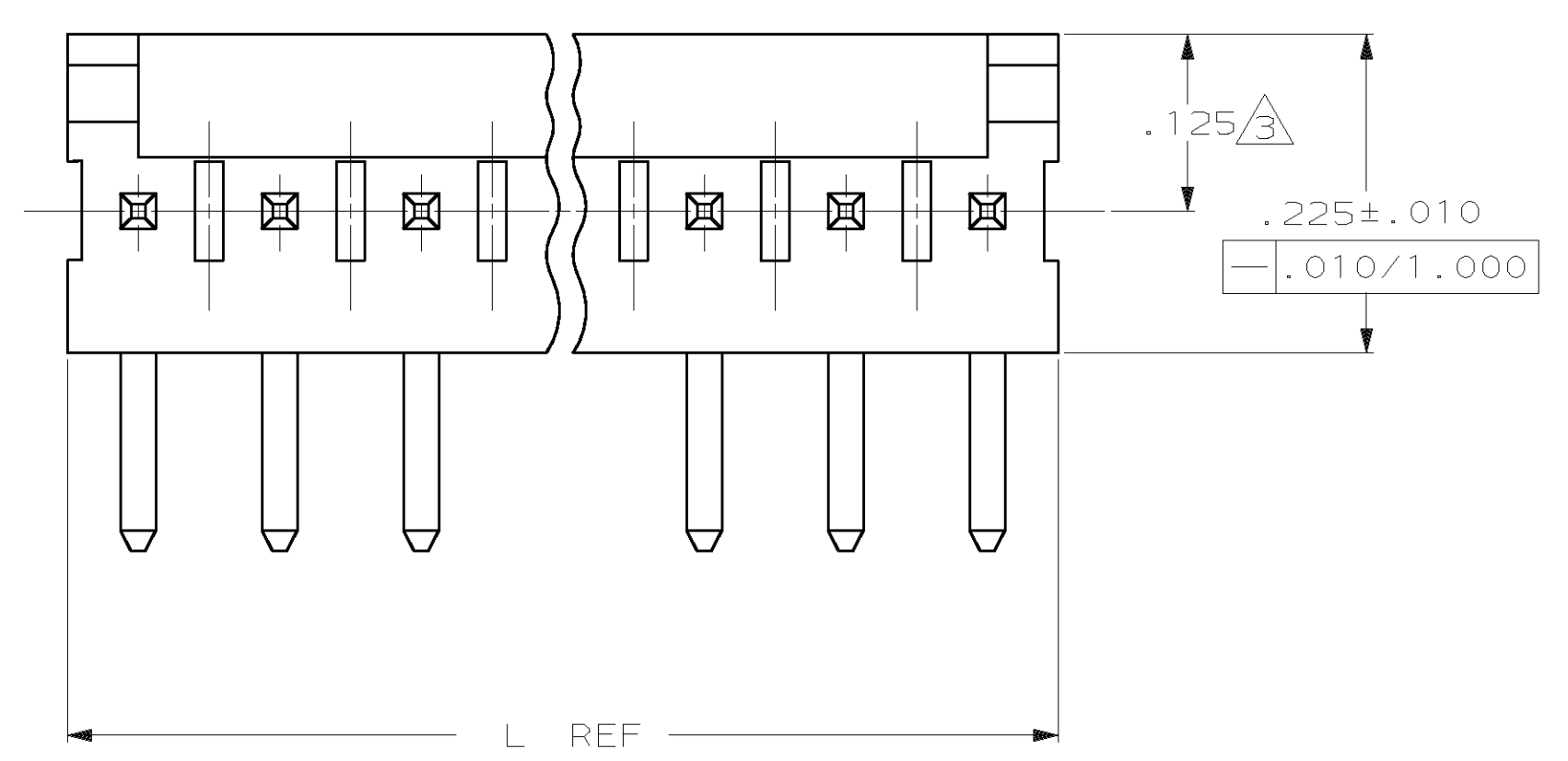
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWING NO	RESTRICTED TO
1. P.L.C ± .005	1. ANGLES ± .030°	A1 00779	—
2. P.L.C ± .005		00779	—
3. P.L.C ± .005		00779	—
4. P.L.C ± .005		00779	—
FINISH: 7		00779	—

Customer Drawing: A1 00779 C=640456

Scale: 8:1, Sheet 1 of 1, Rev W

LOC	DIST	P	F	ZONE	LTR	REVISIONS	DATE	APPD
CM	54					5 REV PER EC 0G1B-0221-98	26-FEB-99	JH RS



- 1 POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED (.035/.032 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER 94V-0 (NATURAL) POST-COPPER ALLOY (TIN PLATED)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .110-.160 WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR .110-.120 WHEN MATING WITH A CST 100 CONNECTOR.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

2.800	71.12	28	2-640457-8
2.700	68.58	27	2-640457-7
2.600	66.04	26	2-640457-6
2.500	63.50	25	2-640457-5
2.400	60.96	24	2-640457-4
2.300	58.42	23	2-640457-3
2.200	55.88	22	2-640457-2
2.100	53.34	21	2-640457-1
2.000	50.80	20	2-640457-0
1.900	48.26	19	1-640457-9
1.800	45.72	18	1-640457-8
1.700	43.18	17	1-640457-7
1.600	40.64	16	1-640457-6
1.500	38.10	15	1-640457-5
1.400	35.56	14	1-640457-4
1.300	33.02	13	1-640457-3
1.200	30.48	12	1-640457-2
1.100	27.94	11	1-640457-1
1.000	25.40	10	1-640457-0
.900	22.86	9	640457-9
.800	20.32	8	640457-8
.700	17.78	7	640457-7
.600	15.24	6	640457-6
.500	12.70	5	640457-5
.400	10.16	4	640457-4
.300	7.62	3	640457-3
.200	5.08	2	640457-2
IN	MM	NO OF POSITIONS	PART NUMBER

IN	MM	IN	MM
1.000	25.40		
.040	1.02	.310	7.87
.035	0.89	.295	7.49
.032	0.81	.225	5.72
.025	0.64	.160	4.06
.020	0.51	.140	3.56
.015	0.38	.125	3.18
.010	0.25	.120	3.05
.008	0.20	.110	2.79
.005	0.13	.100	2.54
.003	0.08	.063	1.60
.001	0.03	.050	1.27

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

METRIC

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

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON:		DR 2-12-93 B. LEWIS		PART NO	
2 PLC DEC ±		CHK 2-12-93 R. SWING		AMP AMP Incorporated Harrisburg, PA 17105-3508	
3 PLC DEC ± .005		APPD 3-11-93 R. SPEER		NAME	
ANGLES ± 0°30'		APPD 3-11-93 R. SPEER		MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE RIGHT ANGLE POST, TIN PLATED	
MATERIAL		PRODUCT SPEC		SIZE	
FINISH		APPLICATION SPEC		D 00779	
WEIGHT		SCALE		CAGE CODE 8:1	
		DRAWING NO		G-640457	
		SHEET		1 OF 1	