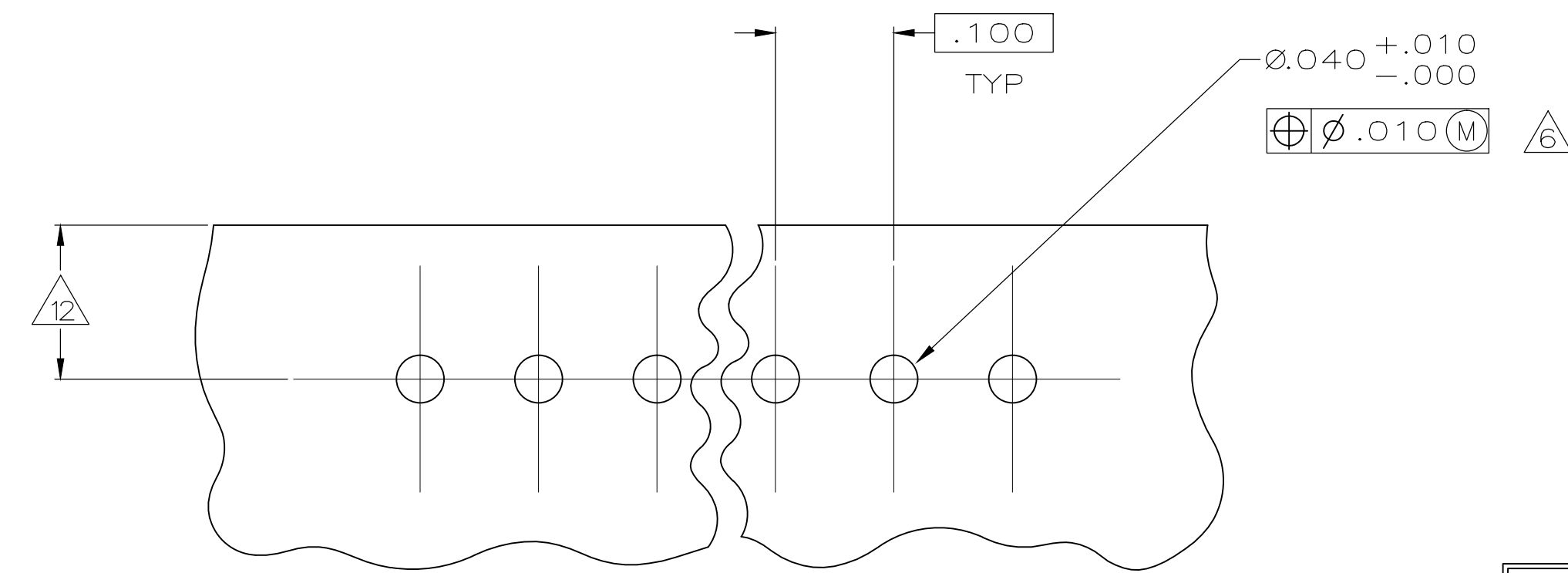
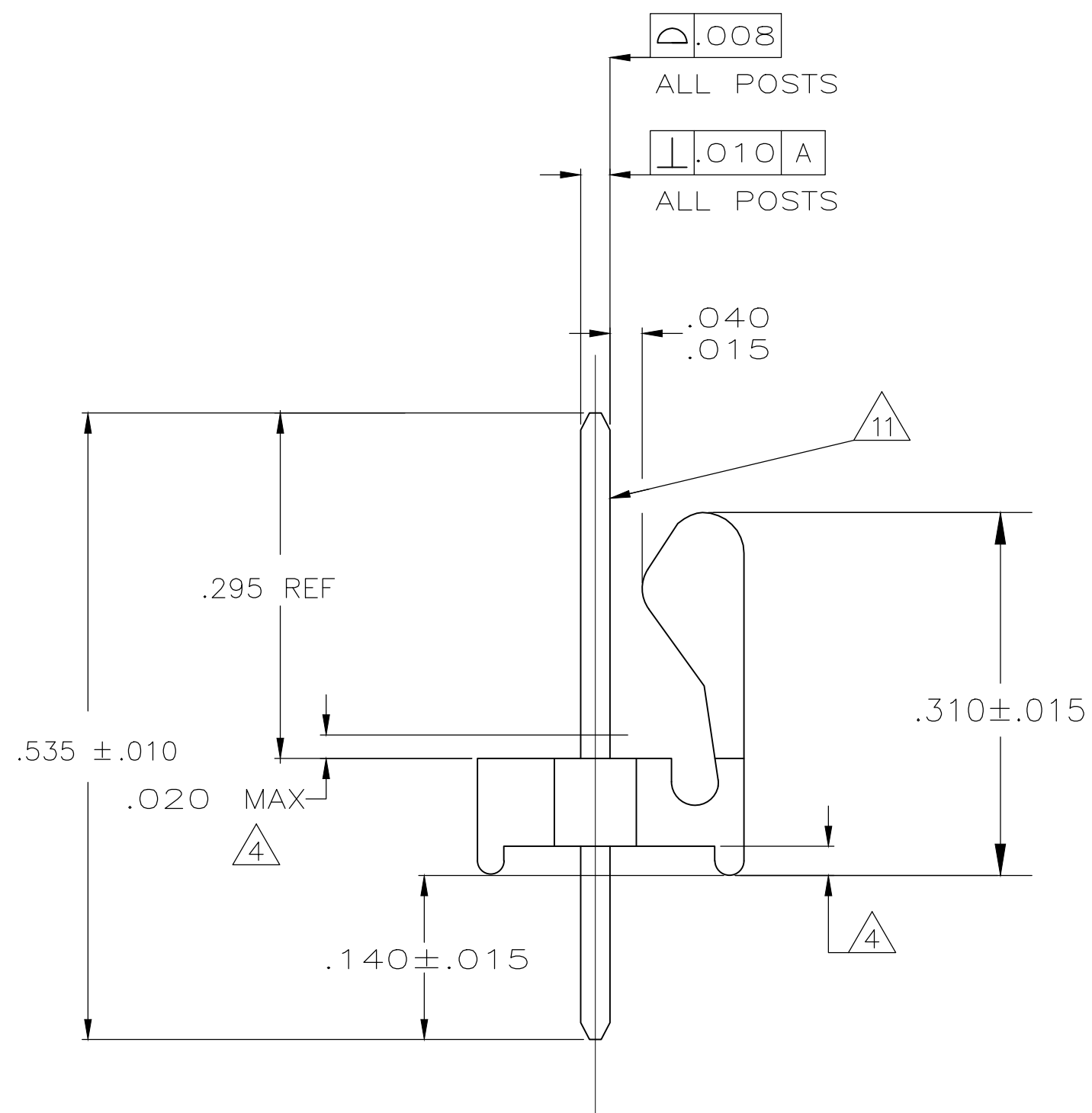
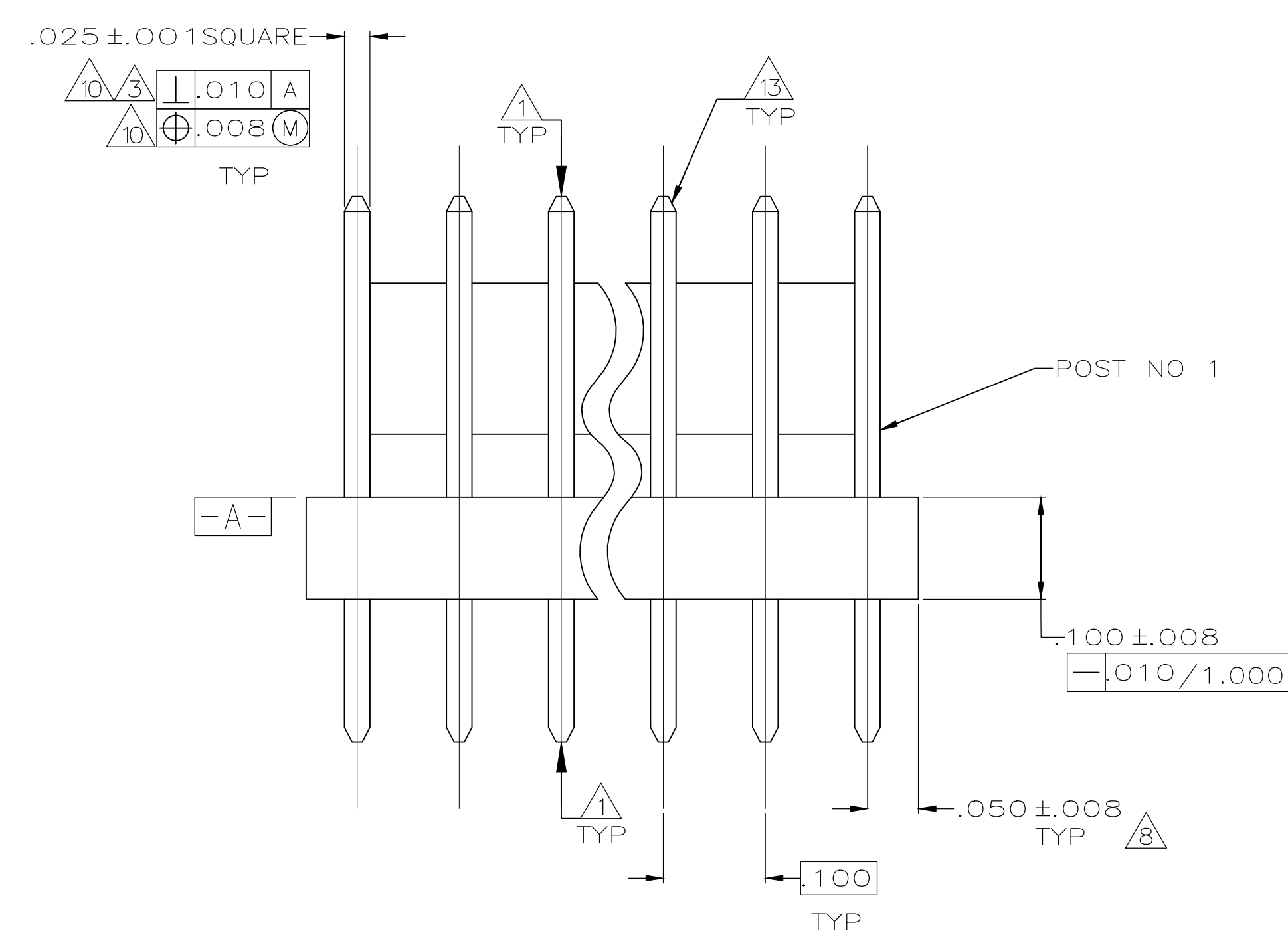
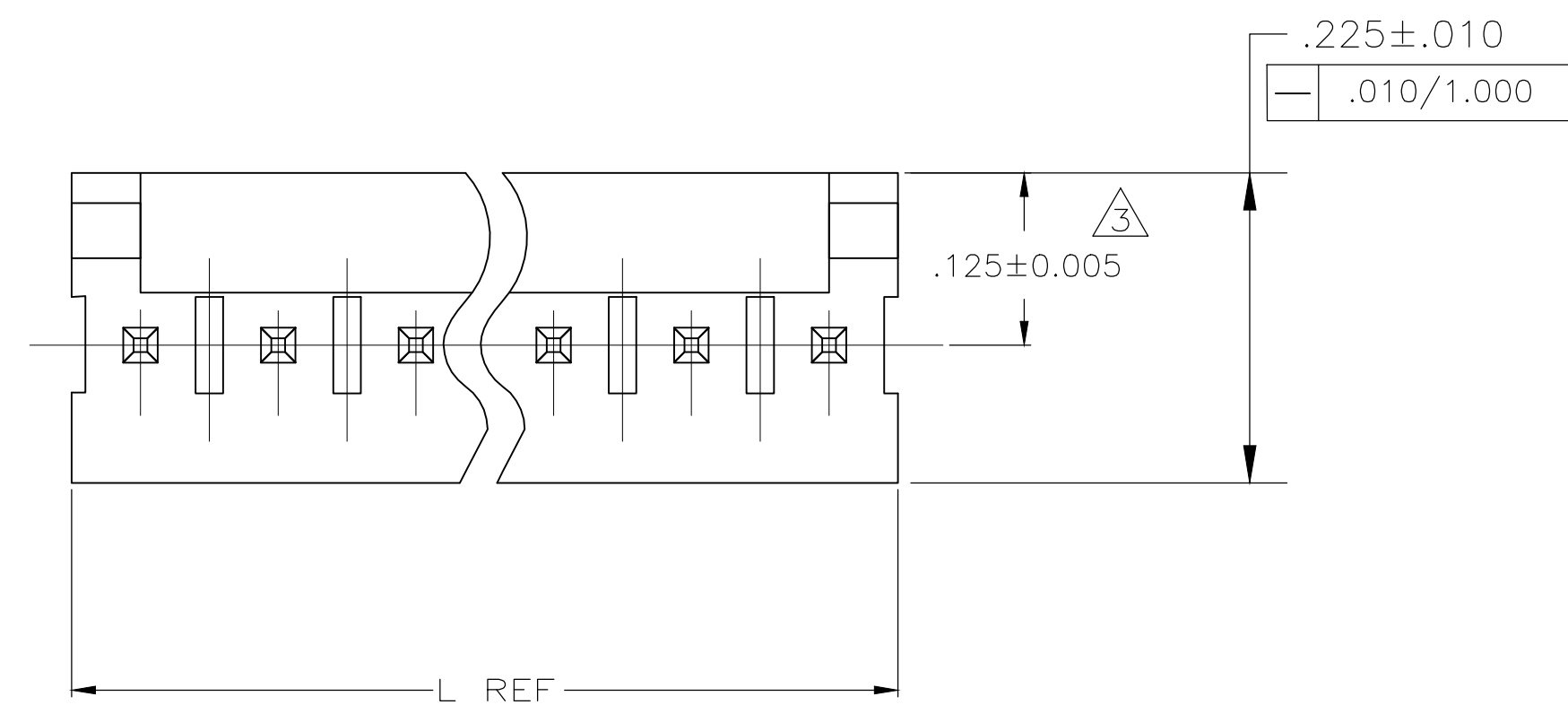


D

C

B

A



		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
IN	MM	IN	MM

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

METRIC

- 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 (MATTE TIN-PLATED - WHISKER MITIGATED)
- 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 MUSTS 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.

1.800	45.72	18	1-1744214-8
1.600	40.64	16	1-1744214-6
1.400	35.56	14	1-1744214-4
1.200	30.48	12	1-1744214-2
.800	20.32	8	1744214-8
.600	15.24	6	1744214-6
.300	7.62	3	1744214-3
.200	5.08	2	1744214-2
IN	MM	NO OF POSITIONS	PART NUMBER
L			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
K. WHITAKER
CHK
D. BOSSI
APP'D
D. BOSSI

15FEB2006
15FEB2006
15FEB2006

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0. PLC ± -
1. PLC ± -
2. PLC ± -
3. PLC ± .005
4. PLC ± - ± 0°30'
ANGLES

FINISH

NAME
MTA-100 HEADER ASSEMBLY,
FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT
POST, TIN PLATED

SIZE
A1

CAGE CODE
00779

DRAWING NO.
1744214

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
8:1

SHEET
1 of 1

REV
A1