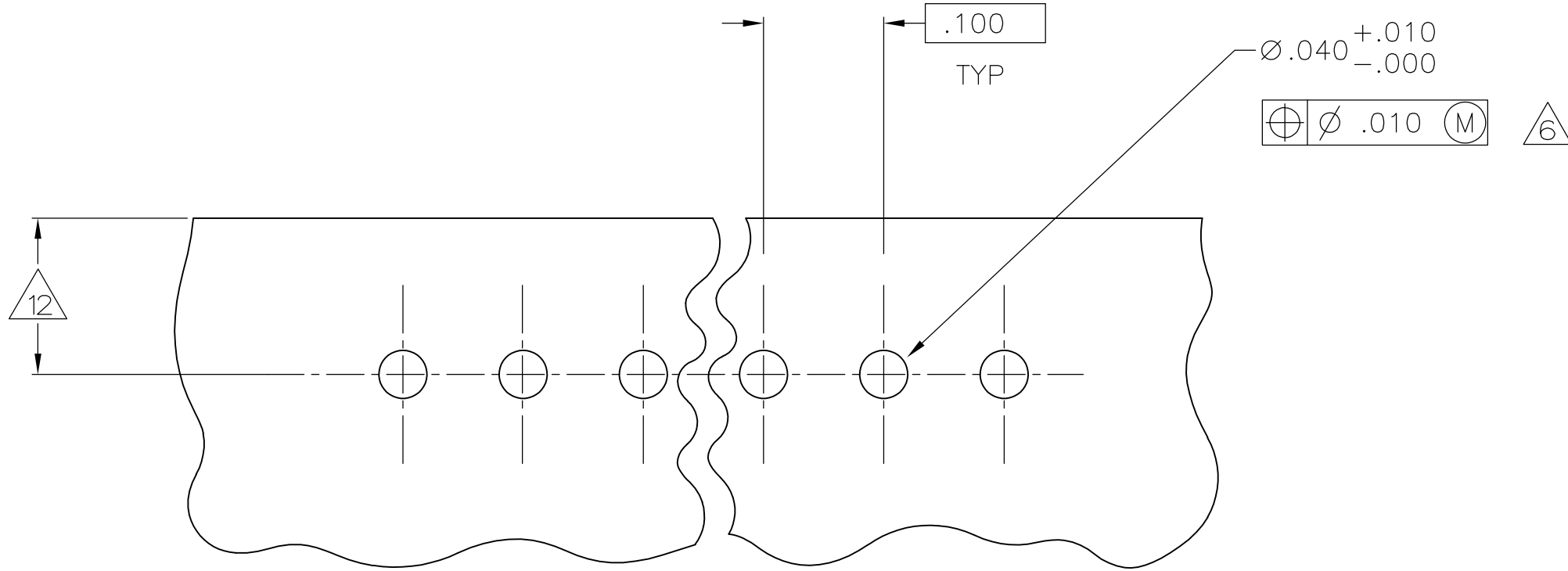
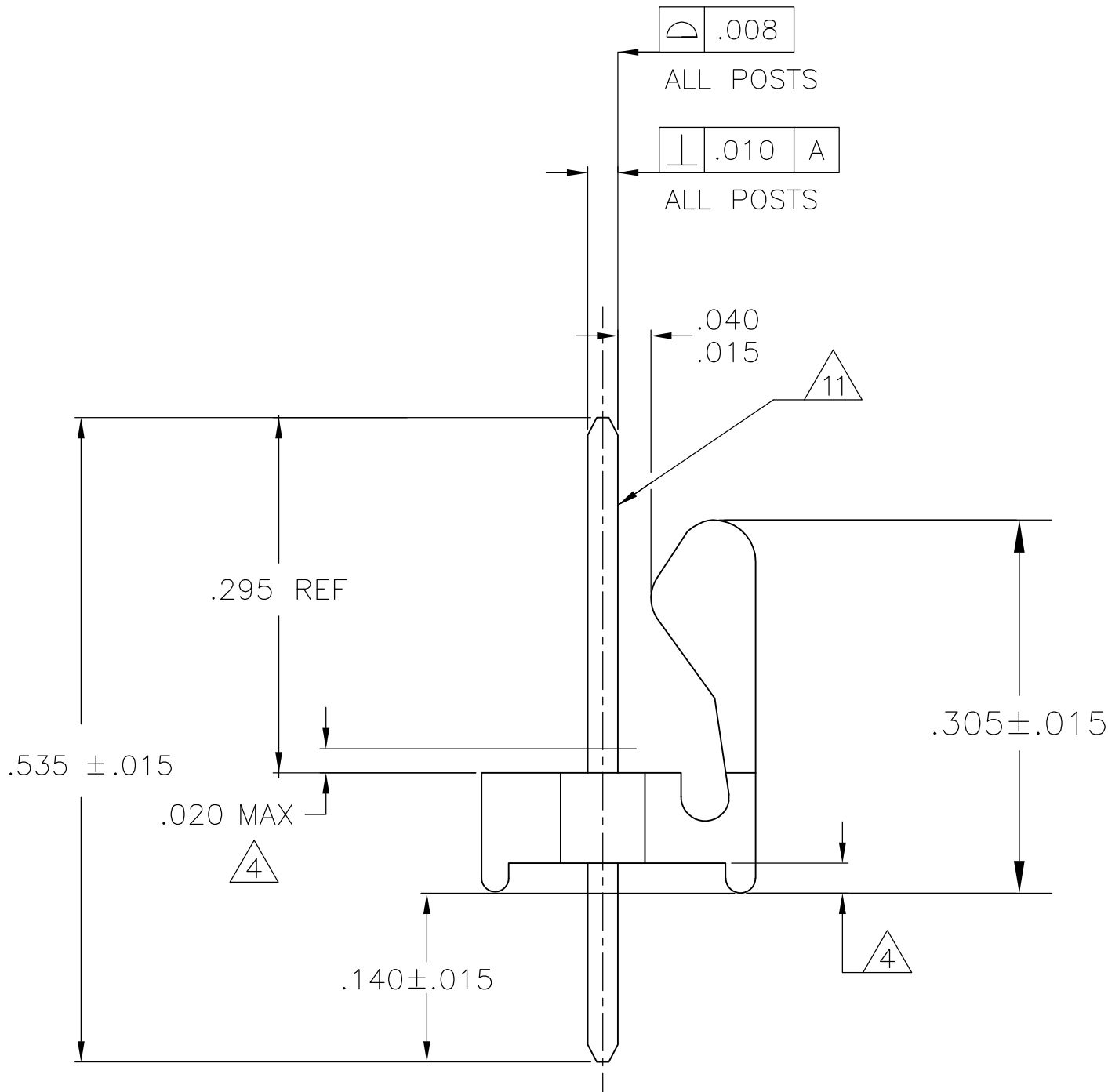
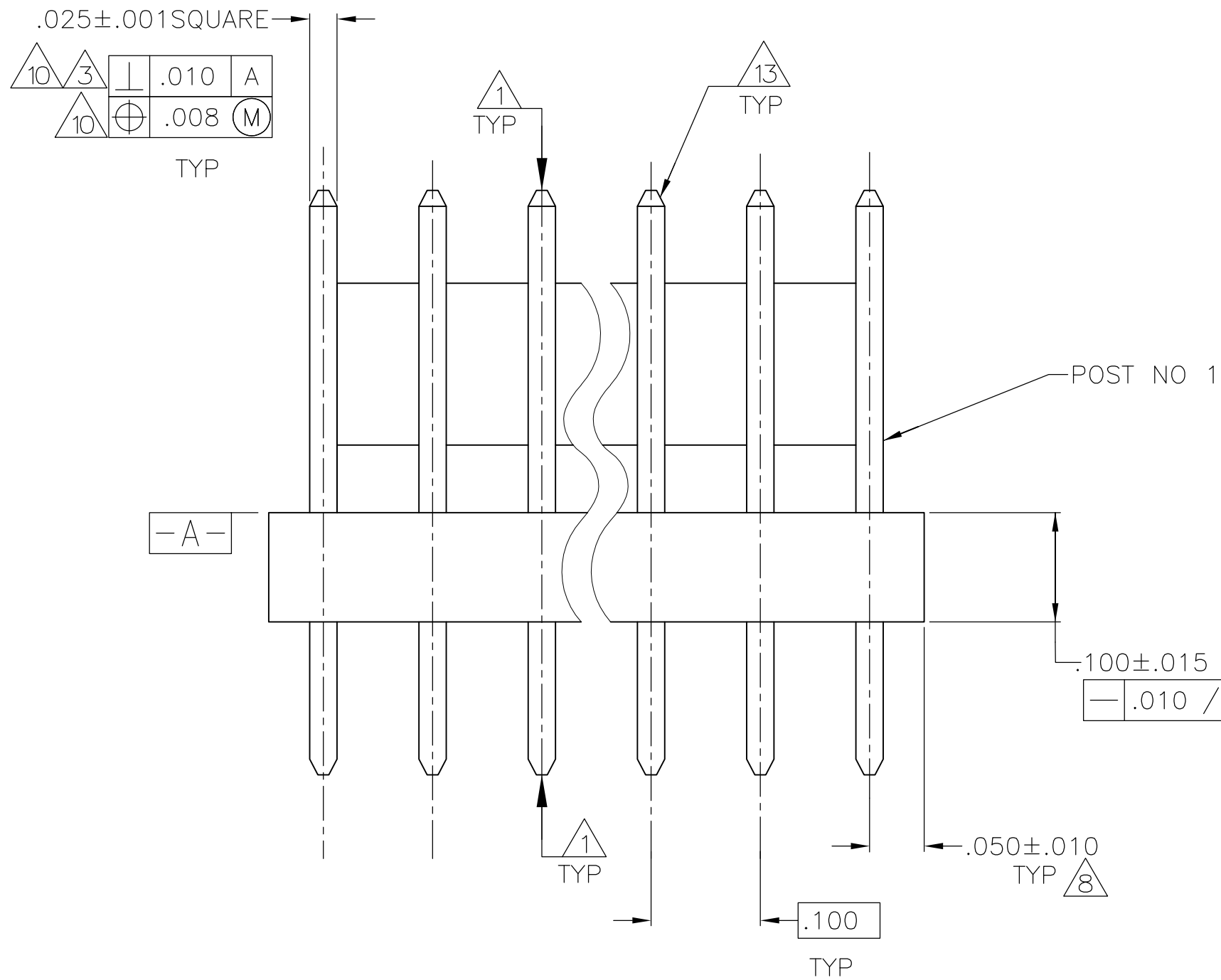
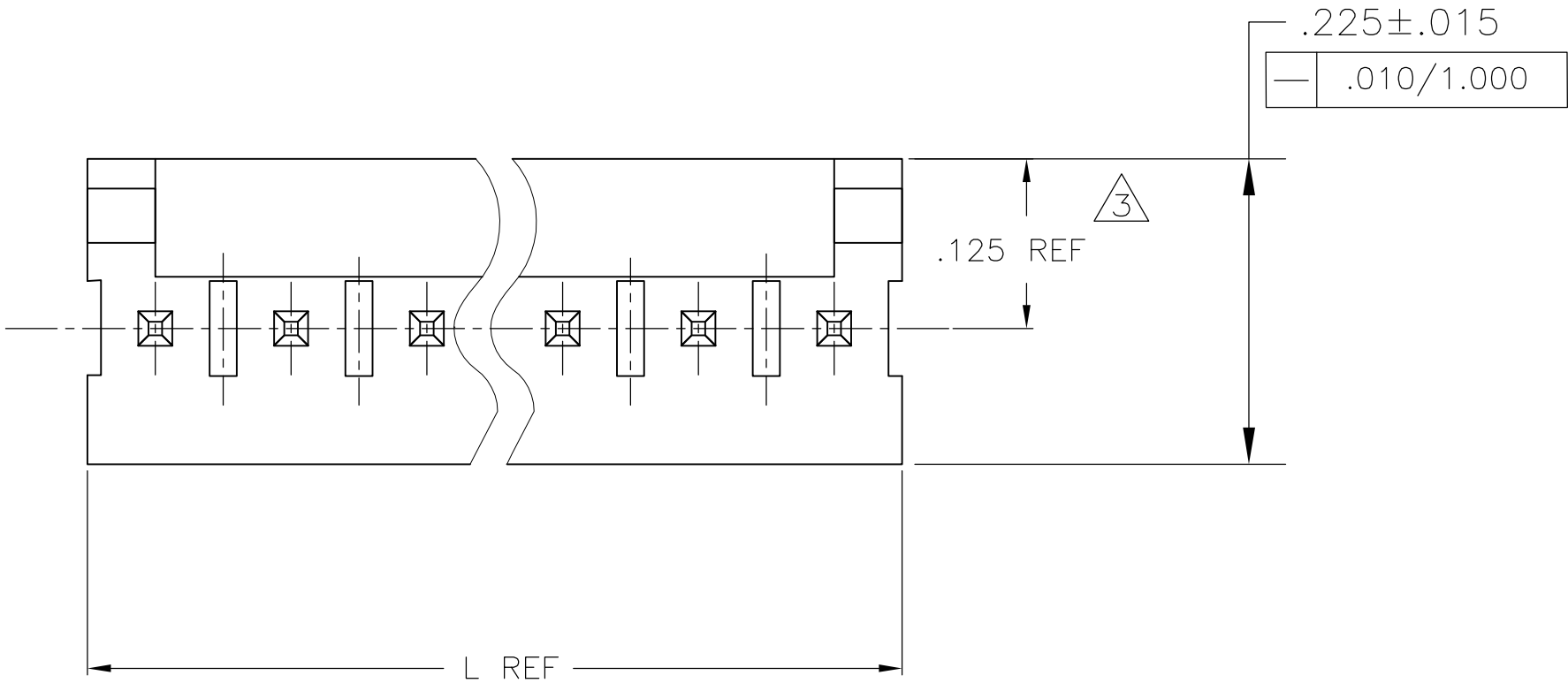


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECR-15-014064	03MAR2016	NK	NL



- 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. POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 11

DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 12

PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

		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

CONVERSION TABLE

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

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
APVD
D. BOSSI

15FEB2006
15FEB2006
15FEB2006

DIMENSIONS:
INCHES

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

7

7

TE Connectivity

MTA-100 HDR ASSY,
FRICTION LOCK, NOTCHED,
.025 SQUARE STRAIGHT POST, TIN PLATED

SIZE
A1

DATE CODE
00779

DRAWING NO
1744214

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
8:1

SHEET
1 OF 1

REV
A2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1744214-8](#)