

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	W3	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(ϕ .032-.035) 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

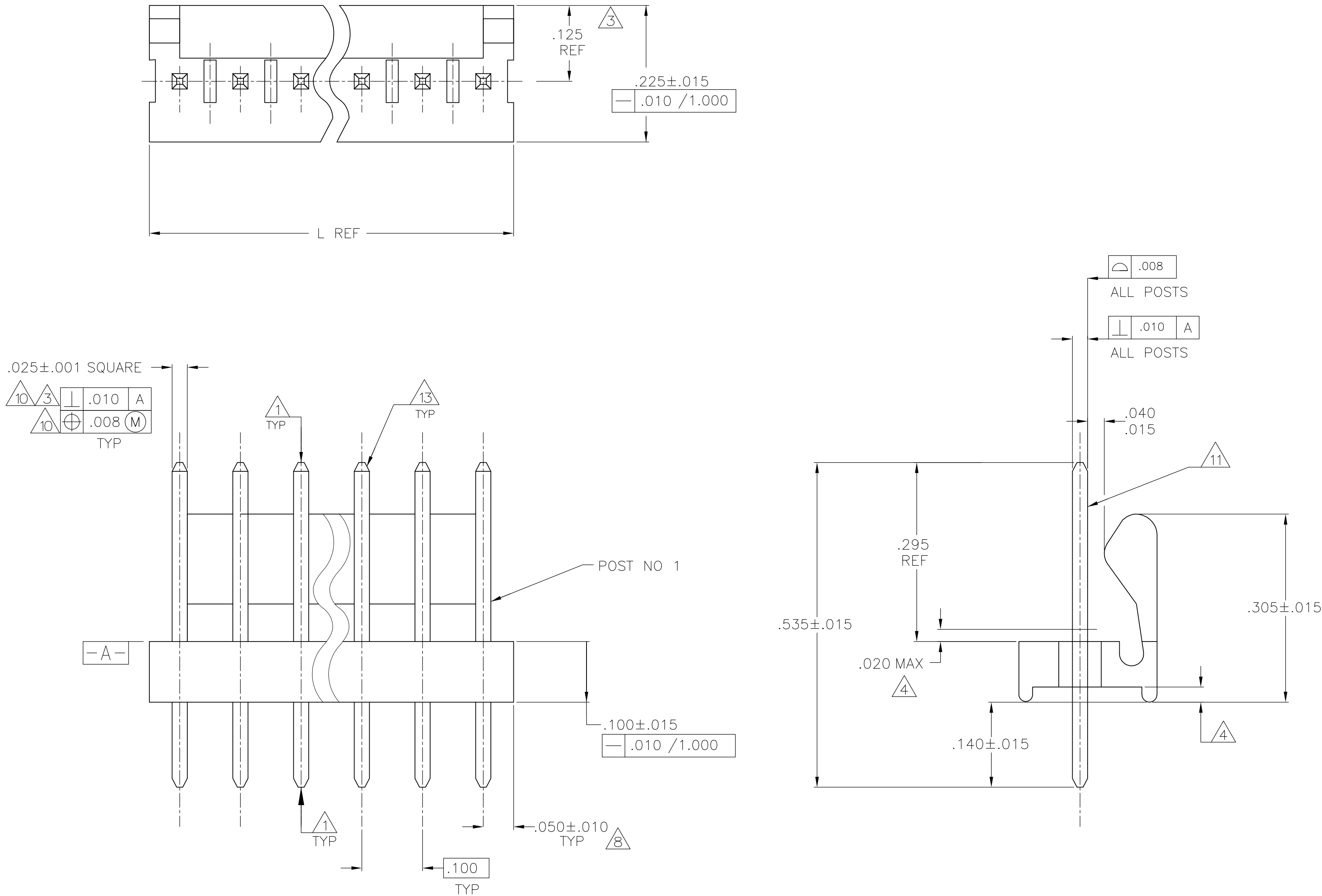
PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10

POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11

POSTS 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.



		1.000	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

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
IN	MM	NO OF POSITIONS	PART NUMBER
		L	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
K. WHITAKER
CHK
D. BOSSI
APVD
D. BOSSI

11JUN2004
11JUN04
11JUN04

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0. PLC ± -
1. PLC ± -
2. PLC ± -
3. PLC ± .005
4. PLC ± - ± 0°30'
FINISH
7

7

NAME
MTA-100 HDR ASSY, POLARIZED,
NOTCHED, .025 SQUARE
STRAIGHT POST, TIN PLATED

SIZE
A1

CAGE CODE
00779

DRAWING NO
640456

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
8:1

SHEET
1 OF 1

REV
W3

Mouser Electronics

Authorized Distributor

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[640456-3](#)