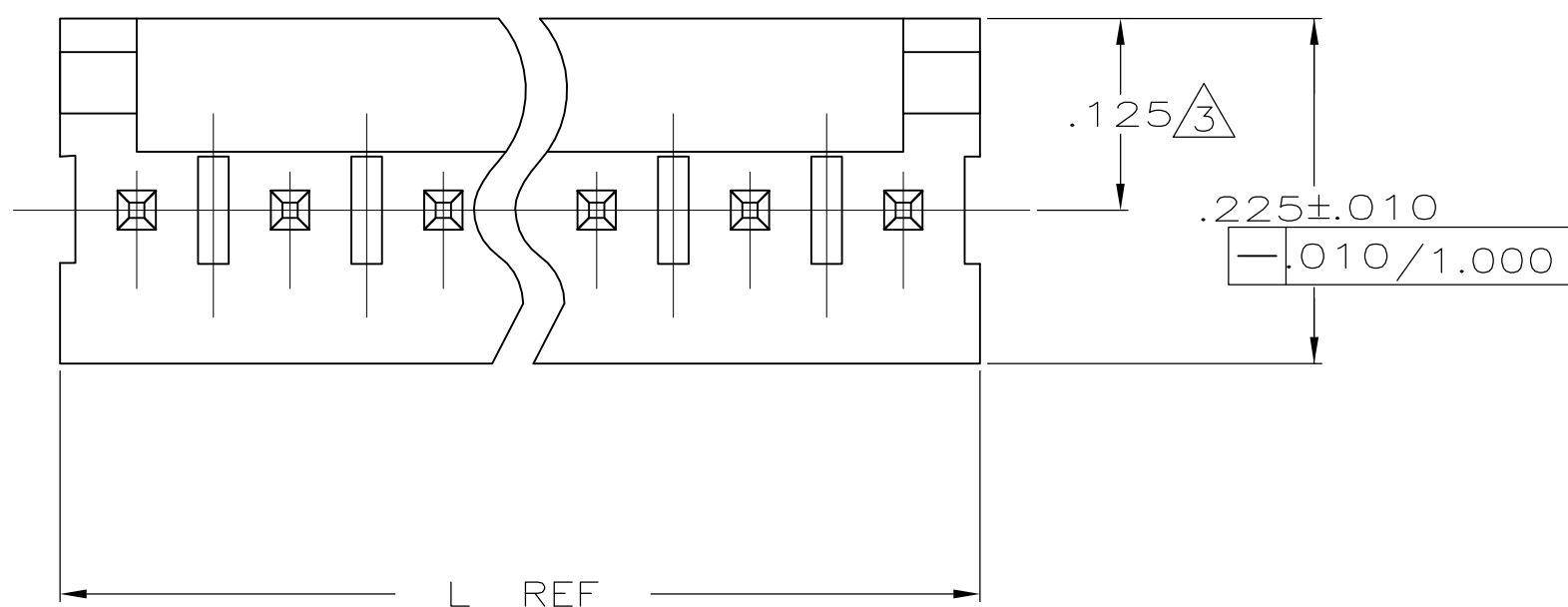
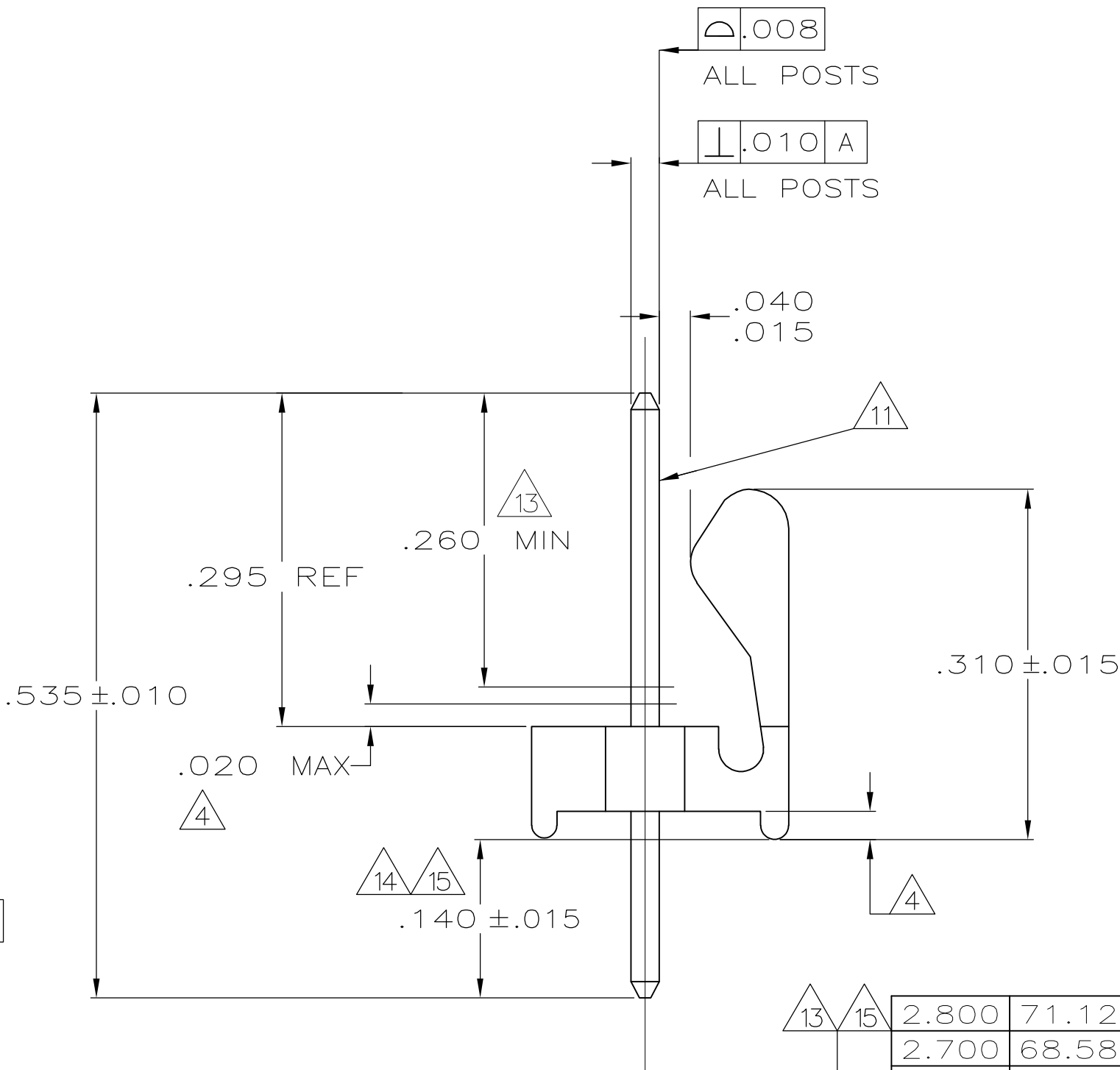
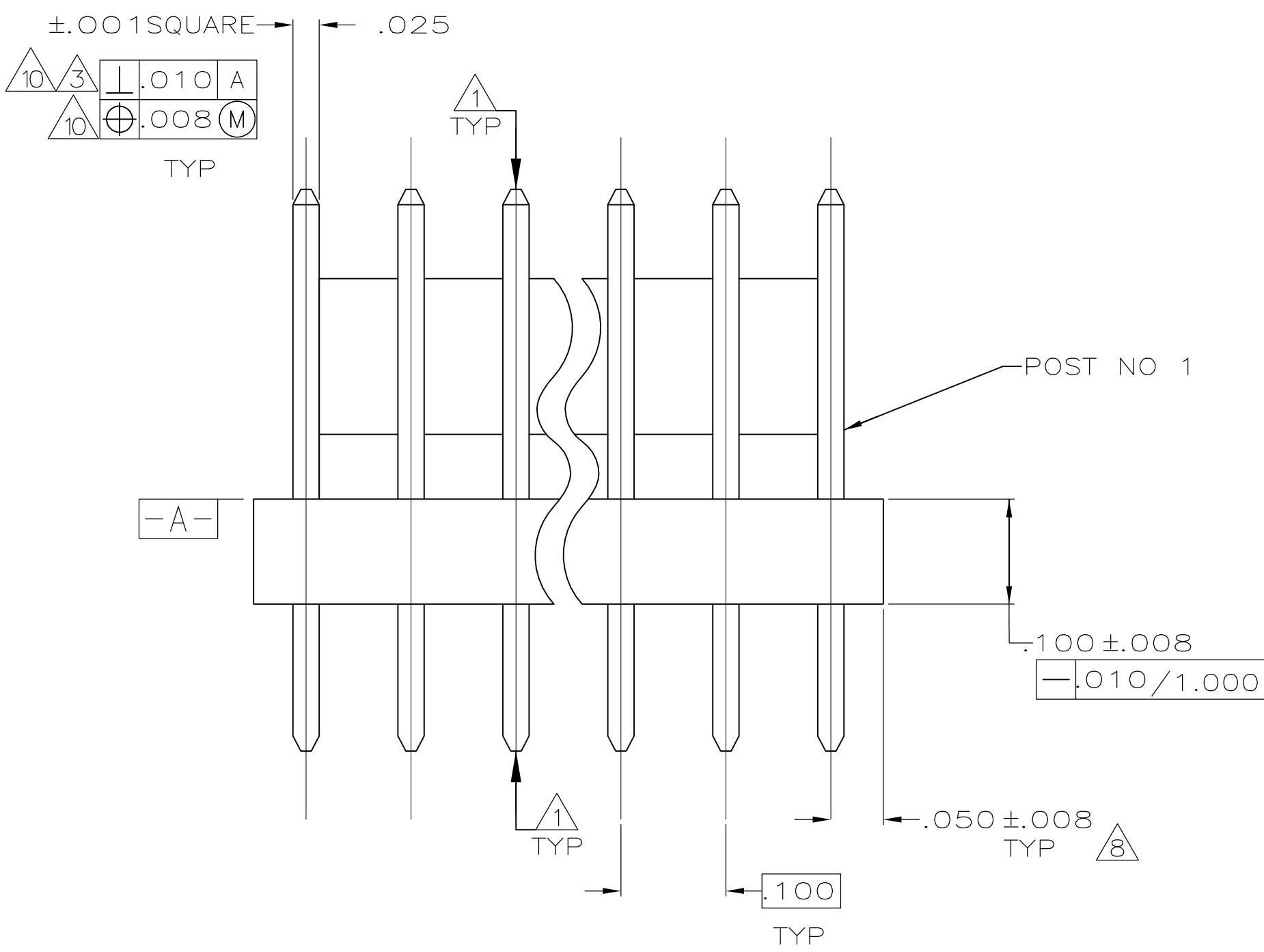


LOC	DIST	REVISIONS				
		F	LTR	DESCRIPTION	DATE	DWN
CM	00		W	REVISED PER 063B-0167-04	14JUN04	KW
			W1	REVISED PER ECO-10-000443	15JAN10	KK



- 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 (SEE NOTES
13 & 14 FOR PLATING)

- 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 GOLD PLATE AREA,.000030 MIN.,ALL SIDES,OVER NICKEL UNDERPLATE,.000050 MIN.,ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 BRIGHT TIN/LEAD (93/7) PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.
- 15 TIN PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



2.800	71.12	28	5-641215-8
2.700	68.58	27	5-641215-7
2.600	66.04	26	5-641215-6
2.500	63.50	25	5-641215-5
2.400	60.96	24	5-641215-4
2.300	58.42	23	5-641215-3
2.200	55.88	22	5-641215-2
2.100	53.34	21	5-641215-1
2.000	50.80	20	5-641215-0
1.900	48.26	19	4-641215-9
1.800	45.72	18	4-641215-8
1.700	43.18	17	4-641215-7
1.600	40.64	16	4-641215-6
1.500	38.10	15	4-641215-5
1.400	35.56	14	4-641215-4
1.300	33.02	13	4-641215-3
1.200	30.48	12	4-641215-2
1.100	27.94	11	4-641215-1
1.000	25.40	10	4-641215-0
.900	22.86	9	3-641215-9
.800	20.32	8	3-641215-8
.700	17.78	7	3-641215-7
.600	15.24	6	3-641215-6
.500	12.70	5	3-641215-5
.400	10.16	4	3-641215-4
.300	7.62	3	3-641215-3
.200	5.08	2	3-641215-2
IN	MM	NO OF POSITIONS	PART NUMBER
L			

2.800	71.12	28	2-641215-8
2.700	68.58	27	2-641215-7
2.600	66.04	26	2-641215-6
2.500	63.50	25	2-641215-5
2.400	60.96	24	2-641215-4
2.300	58.42	23	2-641215-3
2.200	55.88	22	2-641215-2
2.100	53.34	21	2-641215-1
2.000	50.80	20	2-641215-0
1.900	48.26	19	1-641215-9
1.800	45.72	18	1-641215-8
1.700	43.18	17	1-641215-7
1.600	40.64	16	1-641215-6
1.500	38.10	15	1-641215-5
1.400	35.56	14	1-641215-4
1.300	33.02	13	1-641215-3
1.200	30.48	12	1-641215-2
1.100	27.94	11	1-641215-1
1.000	25.40	10	1-641215-0
.900	22.86	9	641215-9
.800	20.32	8	641215-8
.700	17.78	7	641215-7
.600	15.24	6	641215-6
.500	12.70	5	641215-5
.400	10.16	4	641215-4
.300	7.62	3	641215-3
.200	5.08	2	641215-2
IN	MM	NO OF POSITIONS	PART NUMBER
L			

.040	1.02		
.035	0.89		
.032	0.81		
.025	0.64	1.000	25.40
.020	0.51	.535	13.59
.015	0.38	.310	7.87
.010	0.25	.295	7.49
.008	0.20	.260	6.60
.005	0.13	.225	5.72
.001	0.03	.140	3.56
.000350	0.00889	.130	3.30
.000150	0.00381	.125	3.18
.000050	0.00127	.100	2.54
.000030	0.00076	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM

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

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

11JUN2004
11JUN04
11JUN04

Tyco Electronics Corporation
Greensboro, NC 27409

NAME
MTA-100 HEADER ASSEMBLY,
FRICTION LOCK, NOTCHED, .025
SQUARE STRAIGHT POST, .000030 GOLD PLATED

SIZE
A1

CAGE CODE
00779

DRAWING NO
641215

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
8:1

SHEET
1 of 1

REV
W1