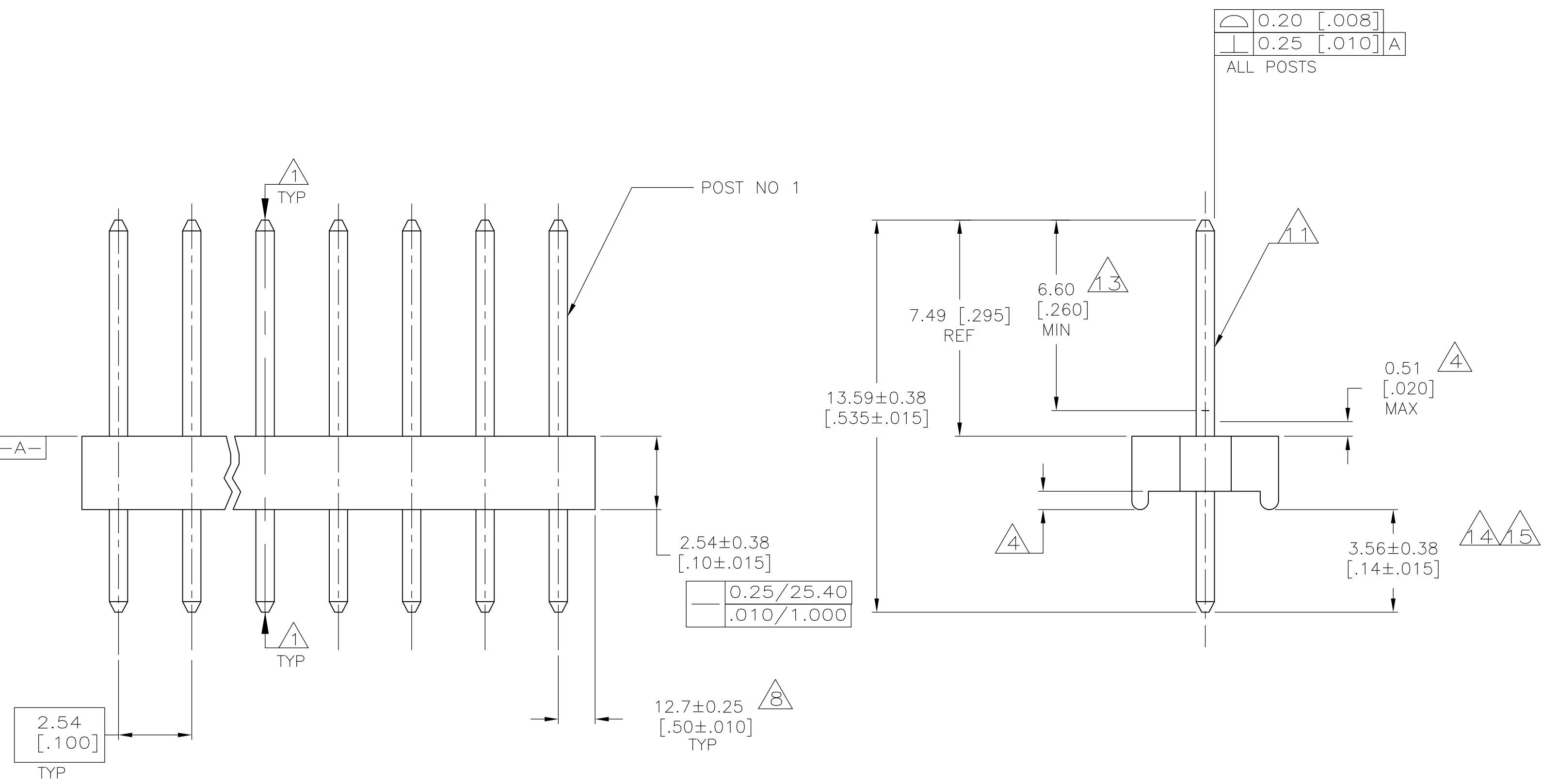
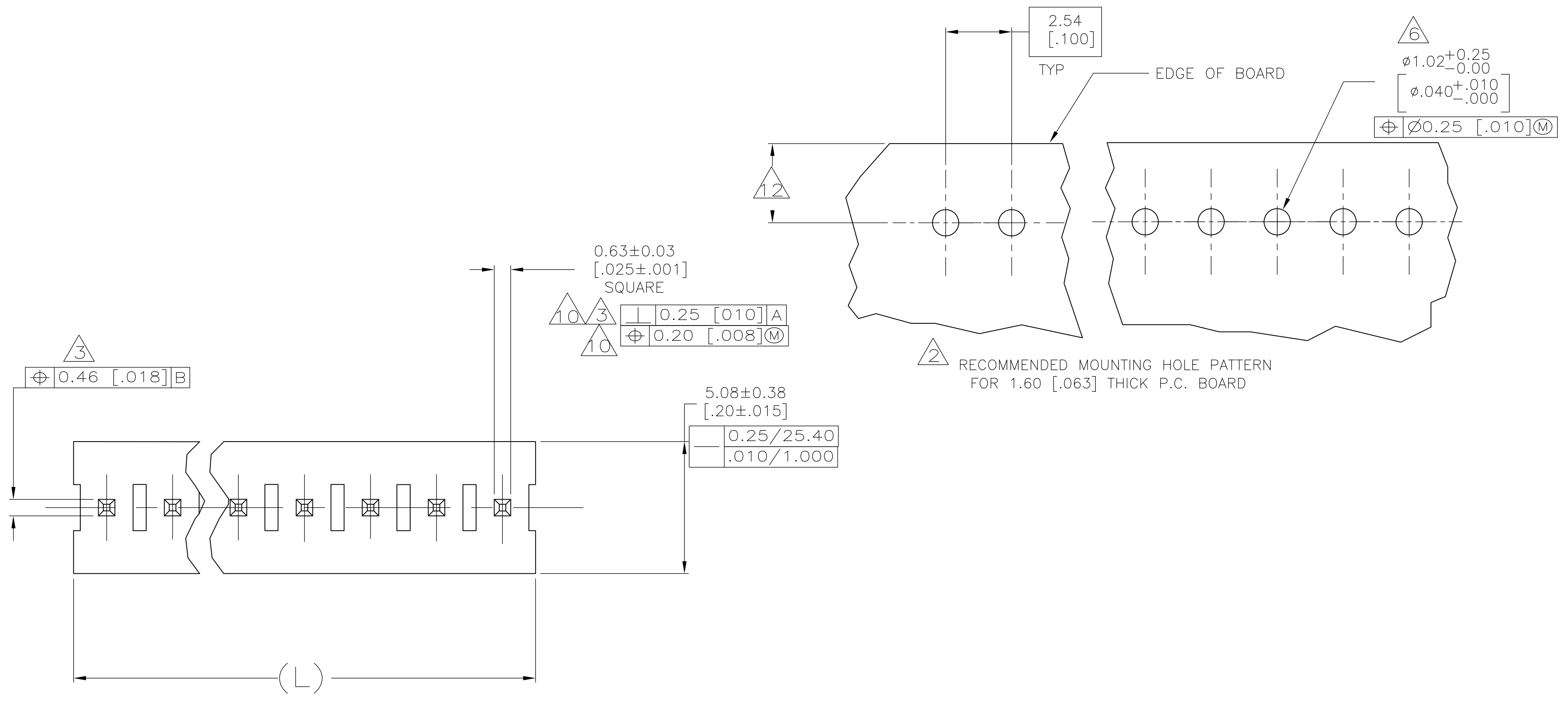


REVISIONS				
P	LTR	DESCRIPTION	DATE	APP'D
AA2	REVISED PER	ECR-15-014064	04MAR2016	NK NL



- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT $-A-$
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [0.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER
94V-0 (NATURAL)
POST-COPPER ALLOY
FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -28
AND NOTES 13 & 15 FOR -32 THRU -58
- 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 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 3.05 [0.120] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, 0.00076 [0.000030] GOLD OR 0.00008 [0.000003] MIN GOLD FLASH OVER 0.00068 [0.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [0.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- 15 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

DIM (L)	NO.OF POSN	ASSEMBLY	SUP BY	DIM (L)	NO.OF POSN	ASSEMBLY	SUP BY
71.12	[2.800]	28	5-641211-8	71.12	[2.800]	28	2-641211-8
68.58	[2.700]	27	5-641211-7	68.58	[2.700]	27	2-641211-7
66.04	[2.600]	26	5-641211-6	66.04	[2.600]	26	2-641211-6
63.50	[2.500]	25	5-641211-5	63.50	[2.500]	25	2-641211-5
60.96	[2.400]	24	5-641211-4	60.96	[2.400]	24	2-641211-4
58.42	[2.300]	23	5-641211-3	58.42	[2.300]	23	2-641211-3
55.88	[2.200]	22	5-641211-2	55.88	[2.200]	22	2-641211-2
53.34	[2.100]	21	5-641211-1	53.34	[2.100]	21	2-641211-1
50.80	[2.000]	20	5-641211-0	50.80	[2.000]	20	2-641211-0
48.26	[1.900]	19	4-641211-9	48.26	[1.900]	19	1-641211-9
45.72	[1.800]	18	4-641211-8	45.72	[1.800]	18	1-641211-8
43.18	[1.700]	17	4-641211-7	43.18	[1.700]	17	1-641211-7
40.64	[1.600]	16	4-641211-6	40.64	[1.600]	16	1-641211-6
38.10	[1.500]	15	4-641211-5	38.10	[1.500]	15	1-641211-5
35.56	[1.400]	14	4-641211-4	35.56	[1.400]	14	1-641211-4
33.02	[1.300]	13	4-641211-3	33.02	[1.300]	13	1-641211-3
30.48	[1.200]	12	4-641211-2	30.48	[1.200]	12	1-641211-2
27.94	[1.100]	11	4-641211-1	27.94	[1.100]	11	1-641211-1
25.40	[1.000]	10	4-641211-0	25.40	[1.000]	10	1-641211-0
22.86	[.900]	9	3-641211-9	22.86	[.900]	9	641211-9
20.32	[.800]	8	3-641211-8	20.32	[.800]	8	641211-8
17.78	[.700]	7	3-641211-7	17.78	[.700]	7	641211-7
15.24	[.600]	6	3-641211-6	15.24	[.600]	6	641211-6
12.70	[.500]	5	3-641211-5	12.70	[.500]	5	641211-5
10.16	[.400]	4	3-641211-4	10.16	[.400]	4	641211-4
7.62	[.300]	3	3-641211-3	7.62	[.300]	3	641211-3
5.08	[.200]	2	3-641211-2	5.08	[.200]	2	641211-2
DIM (L)	NO.OF POSN	ASSEMBLY		DIM (L)	NO.OF POSN	ASSEMBLY	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 26-JAN-2005	APPRO D. ROSSI 26-JAN-2005
0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ± 0.13 [0.025]
4 PLC ±	ANGLES ±	MATERIAL	FINISH

TE Connectivity
MTA-100 HDR ASSY, POLARIZED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 641211
WEIGHT: CUSTOMER DRAWING SCALE: 8:1 SHEET 1 OF 1 REV AA2

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[3-641211-2](#)