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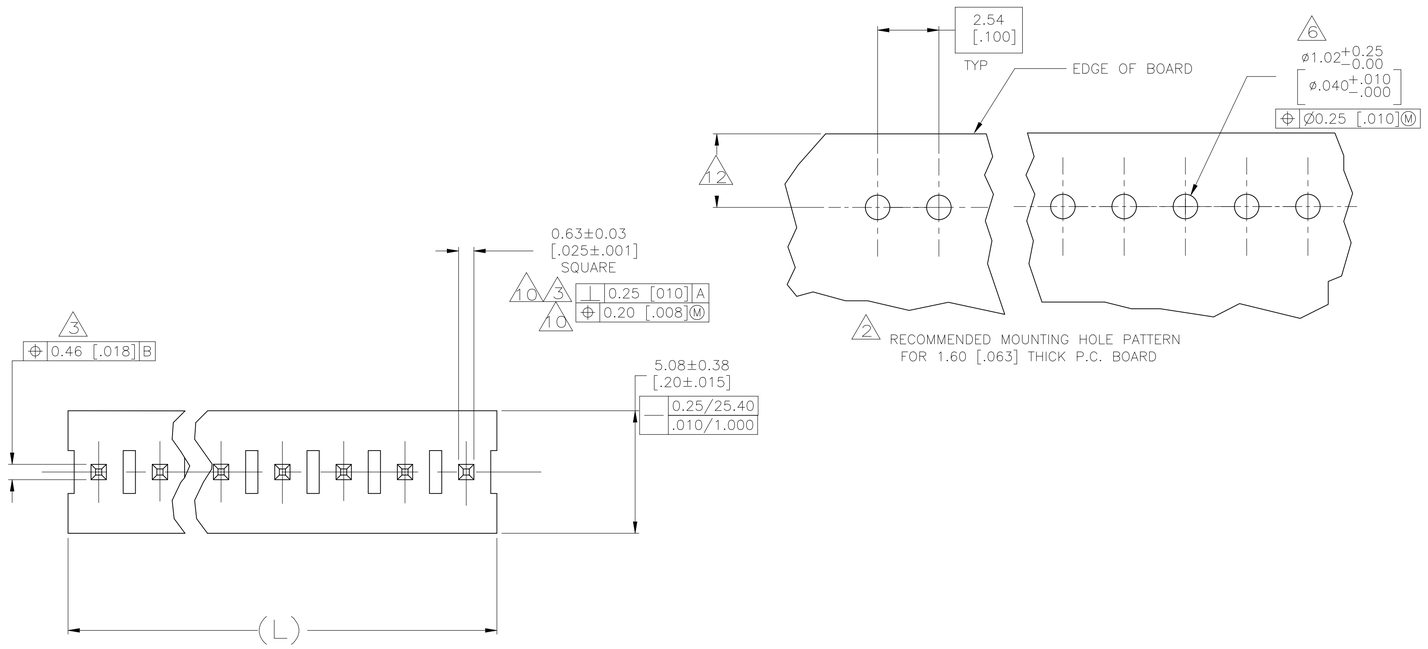
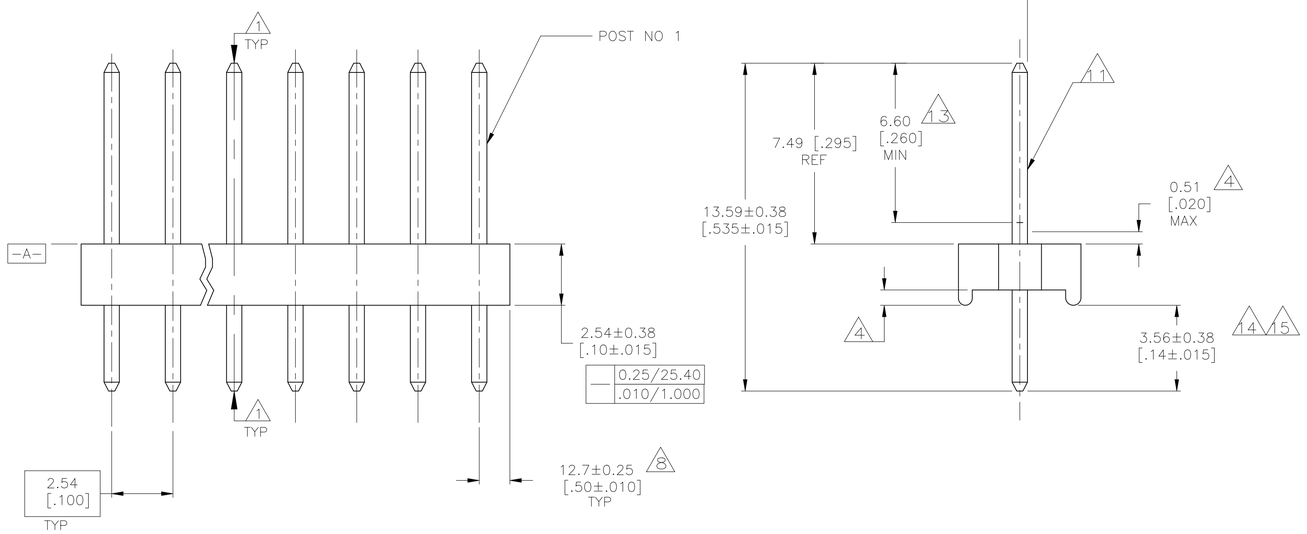
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AB	REVISED PER ECR-25-253035	13OCT2025	CKN	JP





⌓ 0.20 [.008]
⊥ 0.25 [.010] A
ALL POSTS

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 [.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 [.120] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
13. PLATING: GOLD PLATE AREA, 0.00076 [.000030] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00068 [.000027] PALLADIUM NICKEL, ONLY IN FUNCTIONAL CONTACT AREA AND OTHER AREAS WITH OPTIMIZED THICKNESS PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
14. PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.
15. PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.
16. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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

OBSOLETE

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± 0.13 [.025]
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL 7 FINISH 7

DWN S. HOOVER 26-JAN-2005
CHK D. BOSSI 26-JAN-2005
APVD D. BOSSI 26-JAN-2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

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

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-641211 | RESTRICTED TO

SCALE 8:1 | SHEET 1 OF 1 | REV AB

4805 (1/15)