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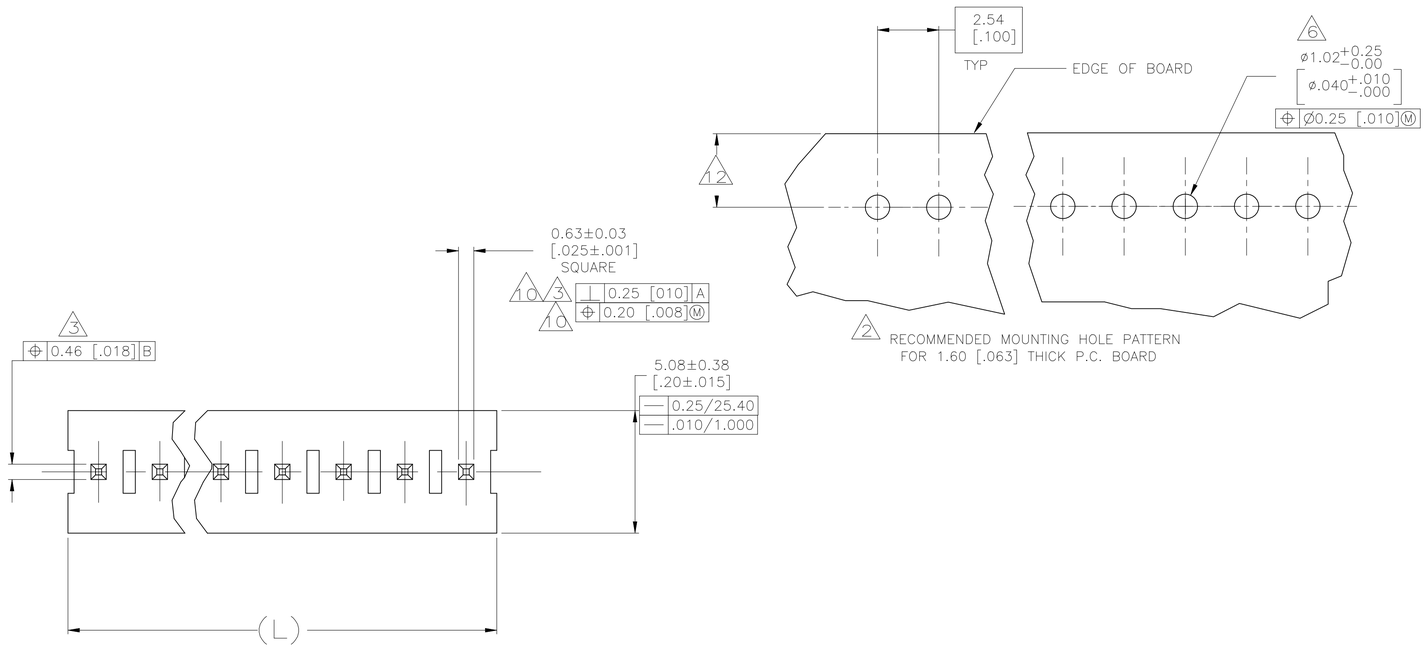
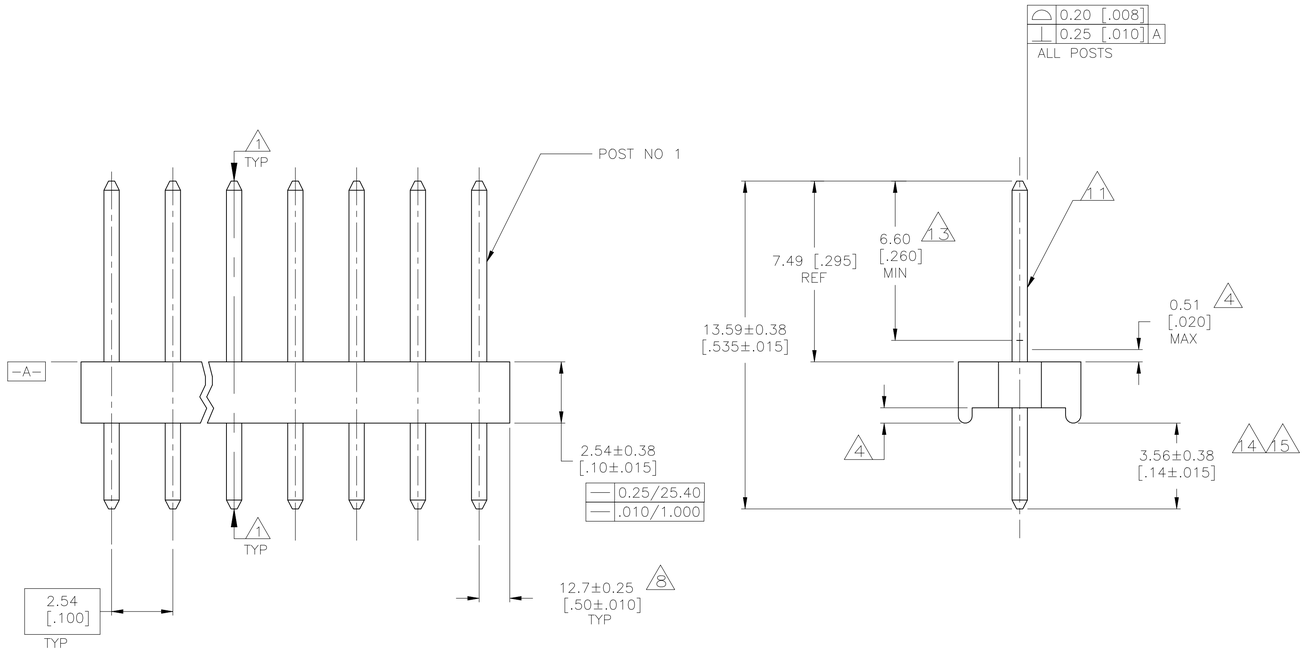
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AA3	REVISED PER ECR-23-181719	06AUG2024	MV	JP





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, 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					CONTAINS LEAD			
	DIM (L)	NO.OF POSN	ASSEMBLY			DIM (L)	NO.OF POSN	ASSEMBLY
	71.12 [2.800]	28	5-641211-8		16 SUP BY 5-641211-8	71.12 [2.800]	28	~~2-641211-8~~
	68.58 [2.700]	27	5-641211-7		16 SUP BY 5-641211-7	68.58 [2.700]	27	~~2-641211-7~~
	66.04 [2.600]	26	5-641211-6		16 SUP BY 5-641211-6	66.04 [2.600]	26	~~2-641211-6~~
	63.50 [2.500]	25	5-641211-5		16 SUP BY 5-641211-5	63.50 [2.500]	25	~~2-641211-5~~
	60.96 [2.400]	24	5-641211-4		16 SUP BY 5-641211-4	60.96 [2.400]	24	~~2-641211-4~~
	58.42 [2.300]	23	5-641211-3		16 SUP BY 5-641211-3	58.42 [2.300]	23	~~2-641211-3~~
	55.88 [2.200]	22	5-641211-2		16 SUP BY 5-641211-2	55.88 [2.200]	22	~~2-641211-2~~
	53.34 [2.100]	21	5-641211-1		16 SUP BY 5-641211-1	53.34 [2.100]	21	~~2-641211-1~~
	50.80 [2.000]	20	5-641211-0		16 SUP BY 5-641211-0	50.80 [2.000]	20	~~2-641211-0~~
	48.26 [1.900]	19	4-641211-9		16 SUP BY 4-641211-9	48.26 [1.900]	19	~~1-641211-9~~
	45.72 [1.800]	18	4-641211-8		16 SUP BY 4-641211-8	45.72 [1.800]	18	~~1-641211-8~~
	43.18 [1.700]	17	4-641211-7		16 SUP BY 4-641211-7	43.18 [1.700]	17	~~1-641211-7~~
	40.64 [1.600]	16	4-641211-6		16 SUP BY 4-641211-6	40.64 [1.600]	16	~~1-641211-6~~
	38.10 [1.500]	15	4-641211-5		16 SUP BY 4-641211-5	38.10 [1.500]	15	~~1-641211-5~~
	35.56 [1.400]	14	4-641211-4		16 SUP BY 4-641211-4	35.56 [1.400]	14	~~1-641211-4~~
	33.02 [1.300]	13	4-641211-3		16 SUP BY 4-641211-3	33.02 [1.300]	13	~~1-641211-3~~
	30.48 [1.200]	12	4-641211-2		16 SUP BY 4-641211-2	30.48 [1.200]	12	~~1-641211-2~~
	27.94 [1.100]	11	4-641211-1		16 SUP BY 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		16 SUP BY 3-641211-8	20.32 [.800]	8	~~641211-8~~
	17.78 [.700]	7	3-641211-7			17.78 [.700]	7	641211-7
OBSOLETE	15.24 [.600]	6	~~3-641211-6~~		16 SUP BY 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		OBSOLETE	7.62 [.300]	3	~~641211-3~~
	5.08 [.200]	2	3-641211-2			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	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-641211	

SCALE 8:1 | SHEET 1 OF 1 | REV AA3