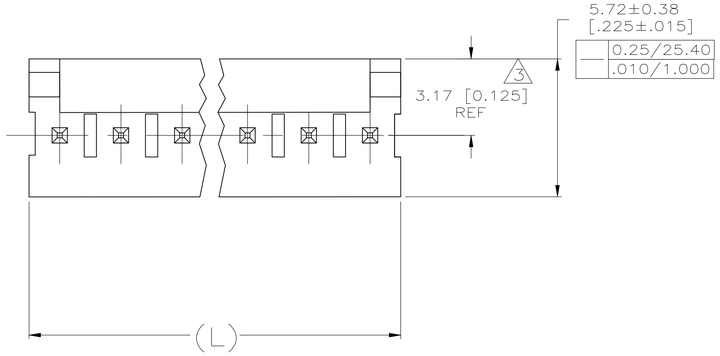
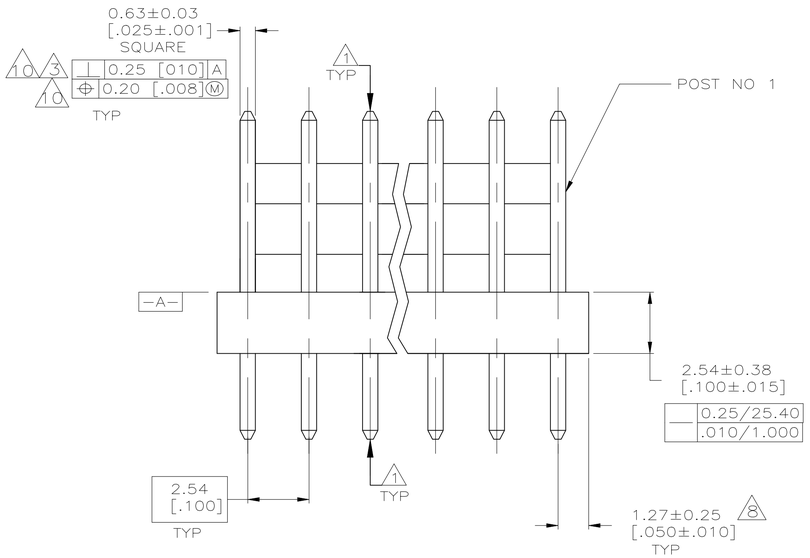
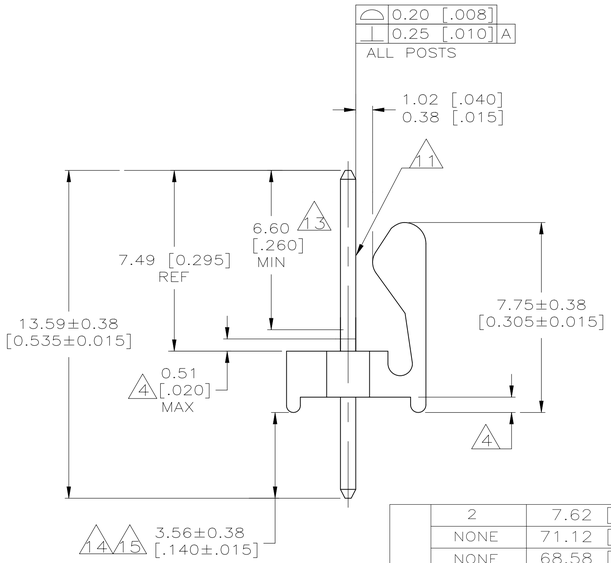
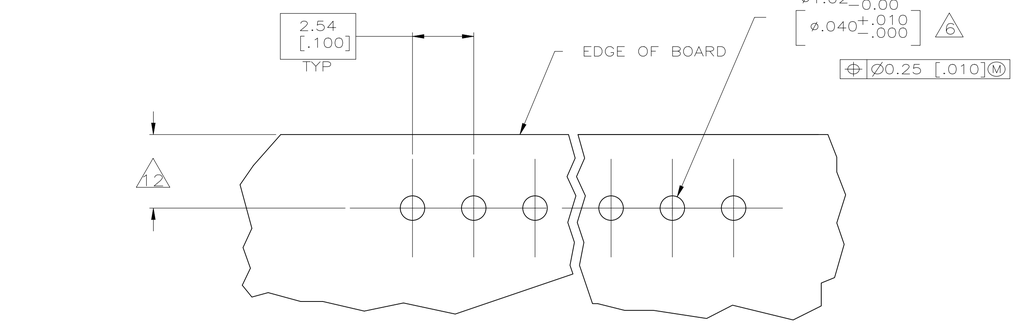
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AB	REVISED PER ECR-25-253035	06OCT2025	CKN	JP









RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.60 [.063] THICK P.C. BOARD 2

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 3.30 [.130] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
13. PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, ONLY IN FUNCTIONAL CONTACT AREA AND OTHER AREAS WITH OPTIMIZED THICKNESS PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.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
17. PRELIMINARY-NOT FOR PRODUCTION.

OBSOLETE

LEAD FREE

OMITTED POST NO.	DIM (L)	NO.OF POSN	ASSEMBLY
2	7.62 [.300]	3	17 6-641126-3
NONE	71.12 [2.800]	28	5-641126-8
NONE	68.58 [2.700]	27	5-641126-7
NONE	66.04 [2.600]	26	5-641126-6
NONE	63.50 [2.500]	25	5-641126-5
NONE	60.96 [2.400]	24	5-641126-4
NONE	58.42 [2.300]	23	5-641126-3
NONE	55.88 [2.200]	22	5-641126-2
NONE	53.34 [2.100]	21	5-641126-1
NONE	50.80 [2.000]	20	~~5-641126-0~~
NONE	48.26 [1.900]	19	4-641126-9
NONE	45.72 [1.800]	18	4-641126-8
NONE	43.18 [1.700]	17	4-641126-7
NONE	40.64 [1.600]	16	4-641126-6
NONE	38.10 [1.500]	15	4-641126-5
NONE	35.56 [1.400]	14	4-641126-4
NONE	33.02 [1.300]	13	4-641126-3
NONE	30.48 [1.200]	12	4-641126-2
NONE	27.94 [1.100]	11	4-641126-1
NONE	25.40 [1.000]	10	4-641126-0
NONE	22.86 [.900]	9	3-641126-9
NONE	20.32 [.800]	8	3-641126-8
NONE	17.78 [.700]	7	3-641126-7
NONE	15.24 [.600]	6	3-641126-6
NONE	12.70 [.500]	5	3-641126-5
NONE	10.16 [.400]	4	3-641126-4
NONE	7.62 [.300]	3	3-641126-3
NONE	5.08 [.200]	2	3-641126-2

LEAD FREE

OMITTED POST NO.	DIM (L)	NO.OF POSN	ASSEMBLY	
NONE	71.12 [2.800]	28	~~2-641126-8~~	SUPERSEDED BY 5-641126-8 16
NONE	68.58 [2.700]	27	~~2-641126-7~~	SUPERSEDED BY 5-641126-7 16
NONE	66.04 [2.600]	26	~~2-641126-6~~	SUPERSEDED BY 5-641126-6 16
NONE	63.50 [2.500]	25	~~2-641126-5~~	SUPERSEDED BY 5-641126-5 16
NONE	60.96 [2.400]	24	~~2-641126-4~~	SUPERSEDED BY 5-641126-4 16
NONE	58.42 [2.300]	23	~~2-641126-3~~	SUPERSEDED BY 5-641126-3 16
NONE	55.88 [2.200]	22	~~2-641126-2~~	SUPERSEDED BY 5-641126-2 16
NONE	53.34 [2.100]	21	~~2-641126-1~~	SUPERSEDED BY 5-641126-1 16
NONE	50.80 [2.000]	20	~~2-641126-0~~	SUPERSEDED BY 5-641126-0 16
NONE	48.26 [1.900]	19	~~1-641126-9~~	SUPERSEDED BY 4-641126-9 16
NONE	45.72 [1.800]	18	~~1-641126-8~~	SUPERSEDED BY 4-641126-8 16
NONE	43.18 [1.700]	17	~~1-641126-7~~	SUPERSEDED BY 4-641126-7 16
NONE	40.64 [1.600]	16	~~1-641126-6~~	SUPERSEDED BY 4-641126-6 16
NONE	38.10 [1.500]	15	~~1-641126-5~~	SUPERSEDED BY 4-641126-5 16
NONE	35.56 [1.400]	14	~~1-641126-4~~	SUPERSEDED BY 4-641126-4 16
NONE	33.02 [1.300]	13	~~1-641126-3~~	SUPERSEDED BY 4-641126-3 16
NONE	30.48 [1.200]	12	~~1-641126-2~~	SUPERSEDED BY 4-641126-2 16
NONE	27.94 [1.100]	11	~~1-641126-1~~	SUPERSEDED BY 4-641126-1 16
NONE	25.40 [1.000]	10	~~1-641126-0~~	SUPERSEDED BY 4-641126-0 16
NONE	22.86 [.900]	9	~~641126-9~~	SUPERSEDED BY 3-641126-9 16
NONE	20.32 [.800]	8	~~641126-8~~	SUPERSEDED BY 3-641126-8 16
NONE	17.78 [.700]	7	~~641126-7~~	SUPERSEDED BY 3-641126-7 16
NONE	15.24 [.600]	6	~~641126-6~~	SUPERSEDED BY 3-641126-6 16
NONE	12.70 [.500]	5	~~641126-5~~	SUPERSEDED BY 3-641126-5 16
NONE	10.16 [.400]	4	~~641126-4~~	SUPERSEDED BY 3-641126-4 16
NONE	7.62 [.300]	3	~~641126-3~~	SUPERSEDED BY 3-641126-3 16
NONE	5.08 [.200]	2	~~641126-2~~	SUPERSEDED BY 3-641126-2 16

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ± 0.13 [.005]
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 108-1050
APPLICATION SPEC 114-1019
WEIGHT -

TE Connectivity

NAME MTA100 HDR ASSY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-641126	

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

4805 (1/15)