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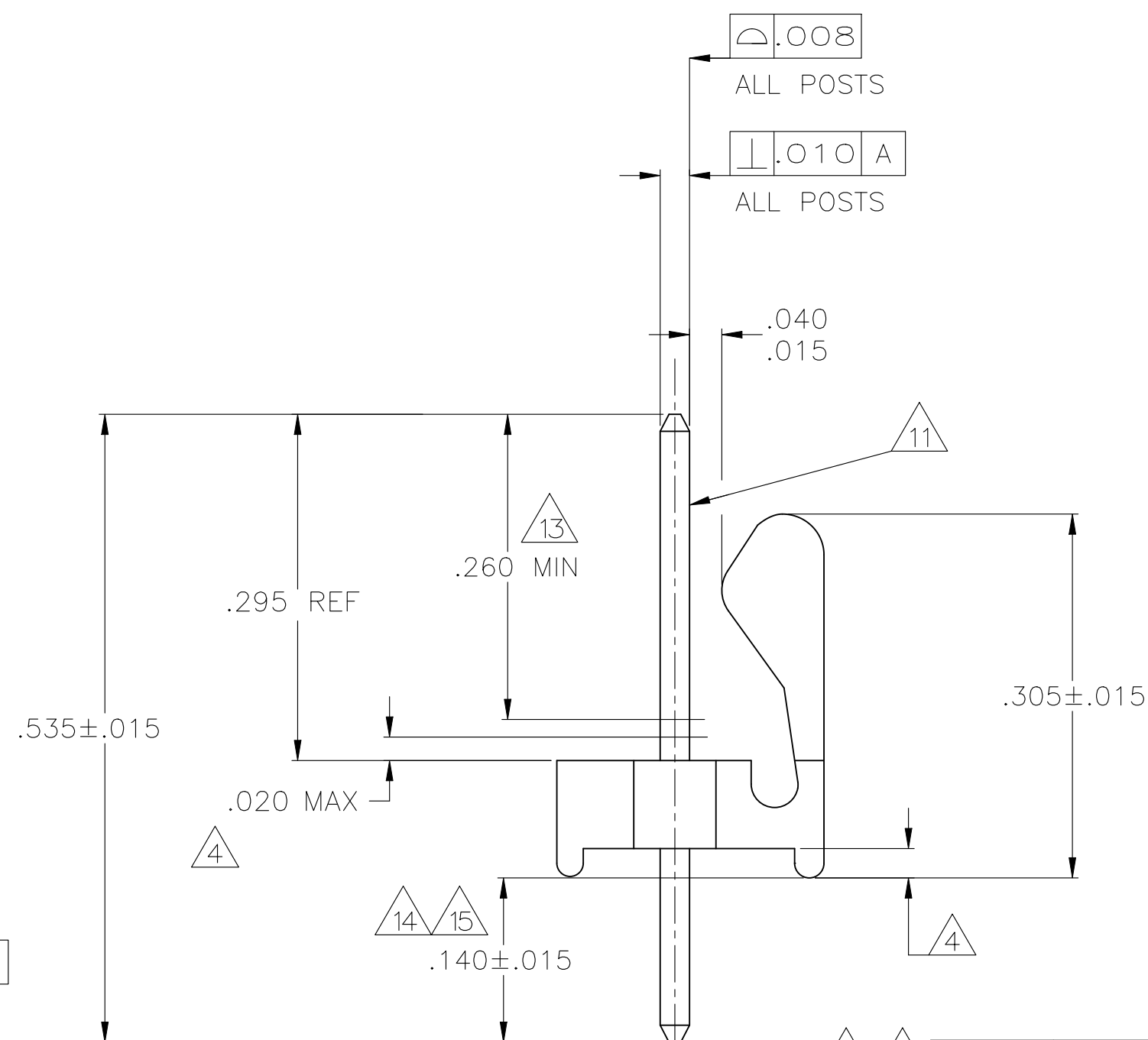
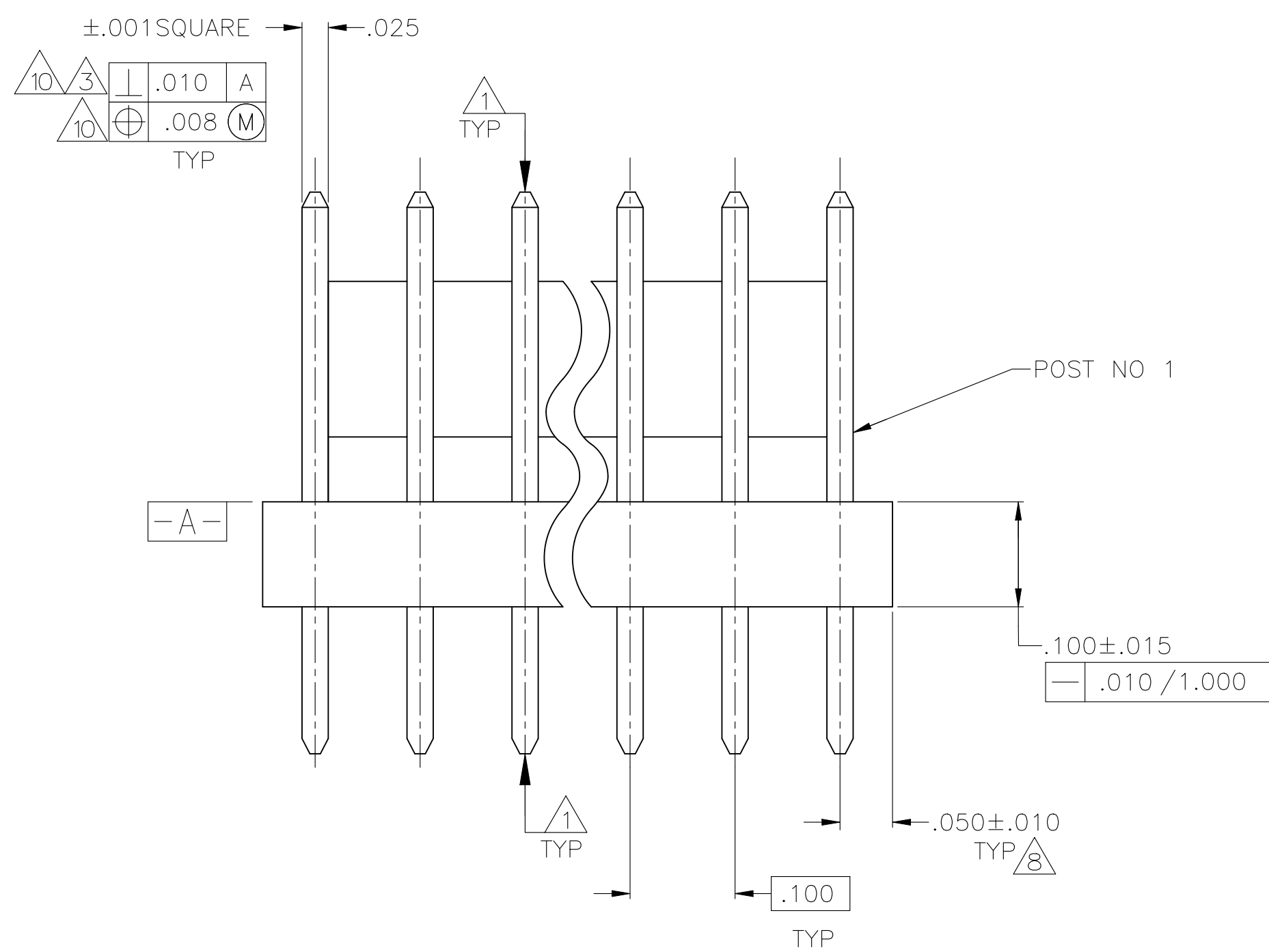
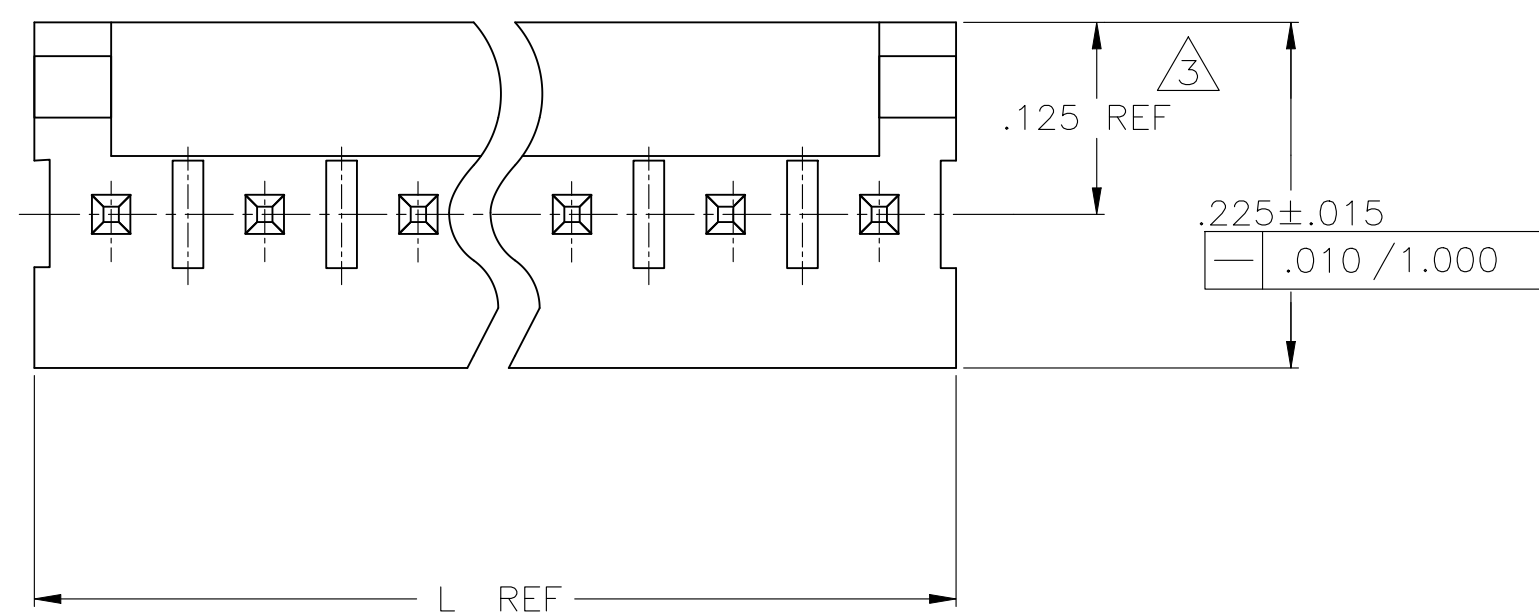
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By

REVISIONS

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

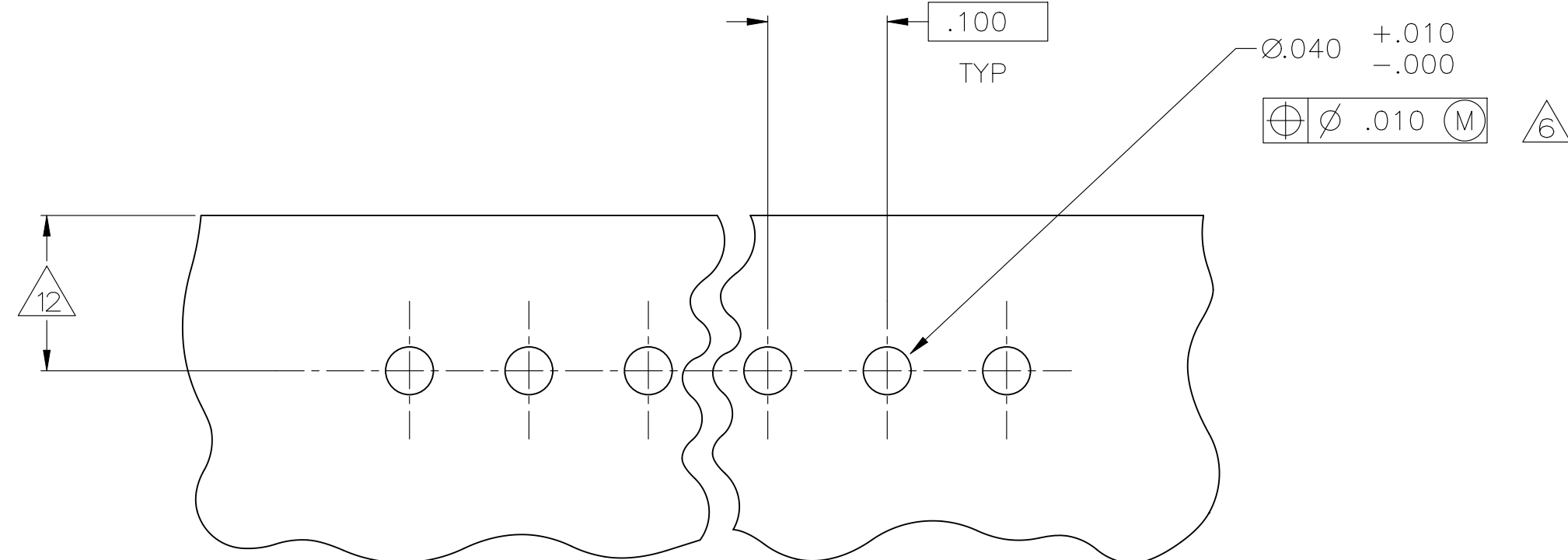


13 15 </

13	14	16	SUP BY 5-641215-8	2,800	71.12	28	2-641215-8
		16	SUP BY 5-641215-7	2,700	68.58	27	2-641215-7
		16	SUP BY 5-641215-6	2,600	66.04	26	2-641215-6
		16	SUP BY 5-641215-5	2,500	63.50	25	2-641215-5
				2,400	60.96	24	2-641215-4
		16	SUP BY 5-641215-3	2,300	58.42	23	2-641215-3
		16	SUP BY 5-641215-2	2,200	55.88	22	2-641215-2
		16	SUP BY 5-641215-1	2,100	53.34	21	2-641215-1
				2,000	50.80	20	2-641215-0
		16	SUP BY 4-641215-9	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	125.40
.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	1.100	2.54
.000030	0.00076	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM
CONVERSION TABLE			

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



1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE
BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.

 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.

3 MEASURED AT SURFACE -A-

 PLASTIC FLASH PERMITTED IN THIS AREA.

5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. TEC-109-11-12-1.

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)

 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.

9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE
PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.

 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.

 POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST
EXTRUSION WITHOUT BREAKING.

 DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A
MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.

13 PLATING: GOLD PLATE AREA, .000030 GOLD OR .000003 MIN
GOLD FLASH OVER .000027 PALLADIUM NICKEL, ONLY IN FUNCTIONAL
CONTACT AREA AND OTHER AREAS WITH OPTIMIZED THICKNESS PER
TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL
UNDERPLATE, .000050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST.

14 MATTE TIN 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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG K. WHITAKER 11JUN2004		 TE Connectivity				
		CIR D. BOSSI 11JUN2004						
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME				
		PRODUCT SPEC 108-1050		MTA-100 HDR ASSY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED				
		APPLICATION SPEC 114-1019						
		SIZE				GAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT				A1 00779		C=641215
MATERIAL	FINISH	CUSTOMER DRAWING		SCALE	SHEET 1 OF 1			
7	7			8:1	Δ			