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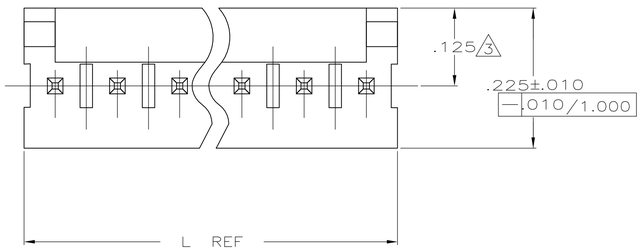
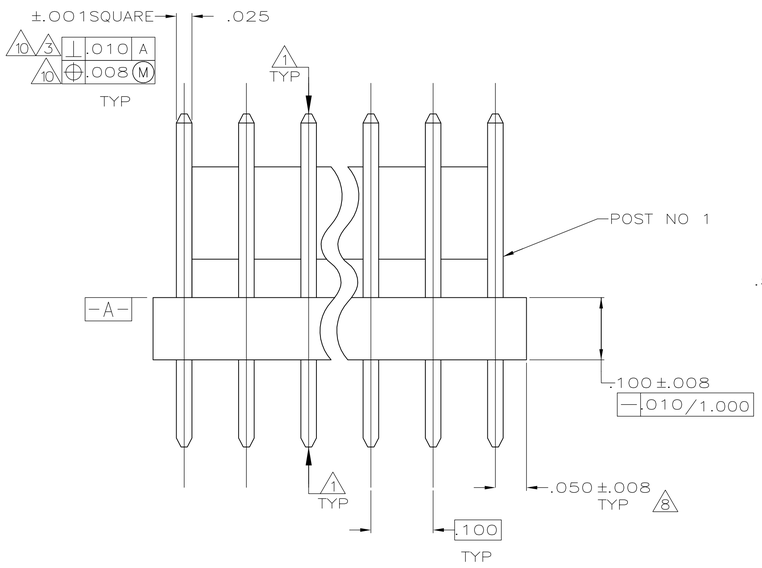
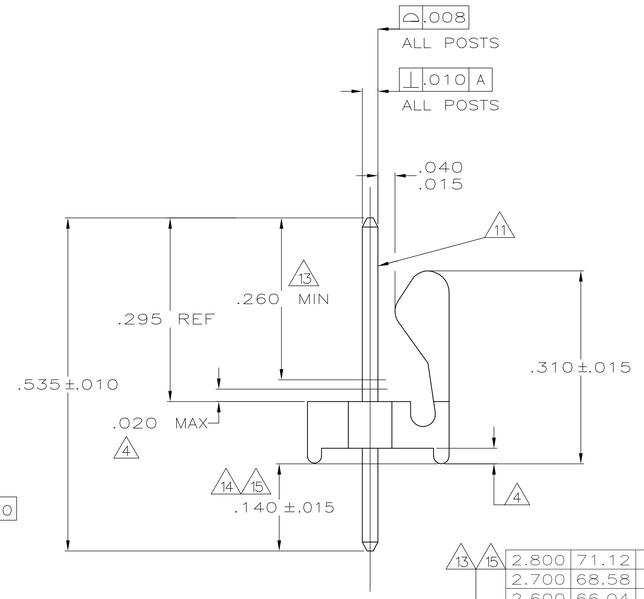
LOC	DIST
CM	00

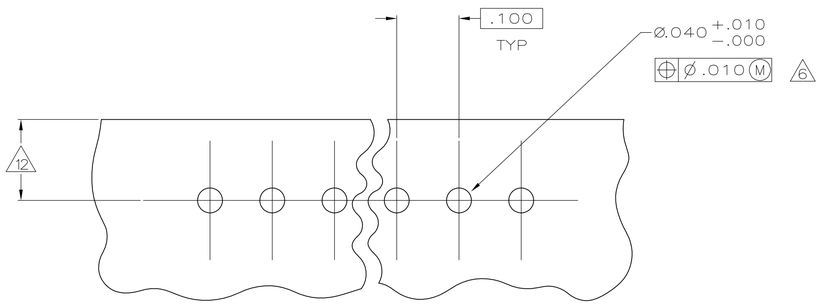
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	REVISED PER ECO-11-014383	13OCT11	KH	SM









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

.040	1.02		
.035	0.89		
.032	0.81		
.025	0.64	1.000	25.40
.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	.100	2.54
.000030	0.00076	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM
CONVERSION TABLE			

13 15	L IN	L MM	NO OF POSITIONS	PART NUMBER
	2.800	71.12	28	5-641215-8
	2.700	68.58	27	5-641215-7
	2.600	66.04	26	5-641215-6
	2.500	63.50	25	5-641215-5
	2.400	60.96	24	5-641215-4
	2.300	58.42	23	5-641215-3
	2.200	55.88	22	5-641215-2
	2.100	53.34	21	5-641215-1
	2.000	50.80	20	5-641215-0
	1.900	48.26	19	4-641215-9
	1.800	45.72	18	4-641215-8
	1.700	43.18	17	4-641215-7
	1.600	40.64	16	4-641215-6
	1.500	38.10	15	4-641215-5
	1.400	35.56	14	4-641215-4
	1.300	33.02	13	4-641215-3
	1.200	30.48	12	4-641215-2
	1.100	27.94	11	4-641215-1
	1.000	25.40	10	4-641215-0
	.900	22.86	9	3-641215-9
	.800	20.32	8	3-641215-8
	.700	17.78	7	3-641215-7
	.600	15.24	6	3-641215-6
	.500	12.70	5	3-641215-5
	.400	10.16	4	3-641215-4
	.300	7.62	3	3-641215-3
	.200	5.08	2	3-641215-2
	IN	MM	NO OF POSITIONS	PART NUMBER
	L			

25-06010

13 14 16	L IN	L MM	NO OF POSITIONS	PART NUMBER
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			

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

2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.

3 MEASURED AT SURFACE -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(.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)

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

12 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, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST.

14 BRIGHT TIN/LEAD (93/7) 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

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± 0°30'

MATERIAL 7 FINISH 7

DWN	K. WHITAKER	11JUN2004
CHK	D. BOSSI	11JUN04
APVD	D. BOSSI	11JUN04
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-641215	-

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

4805 (3/11)