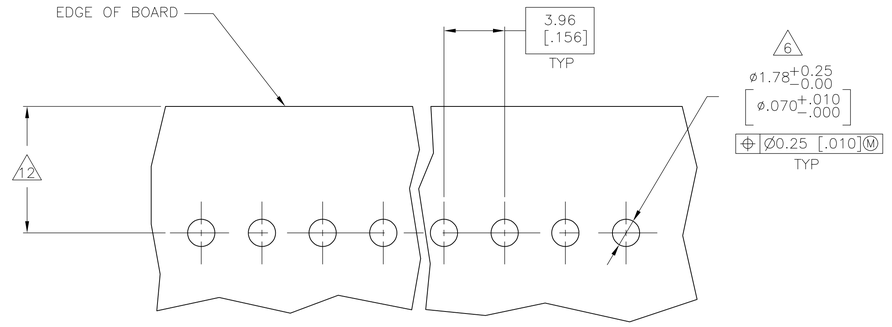
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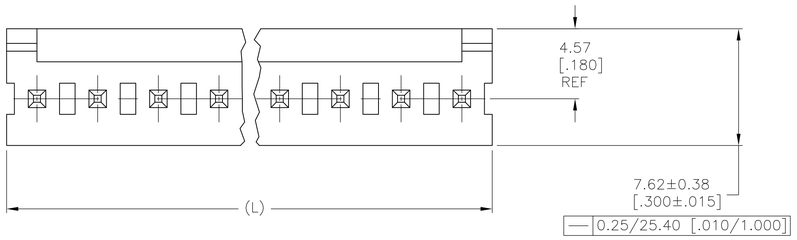
LOC	DIST
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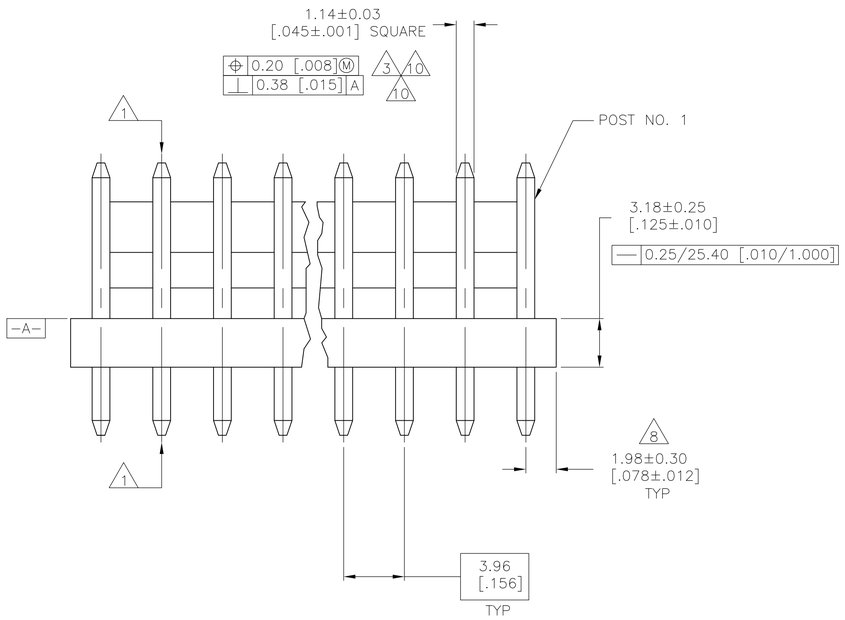
REVISIONS

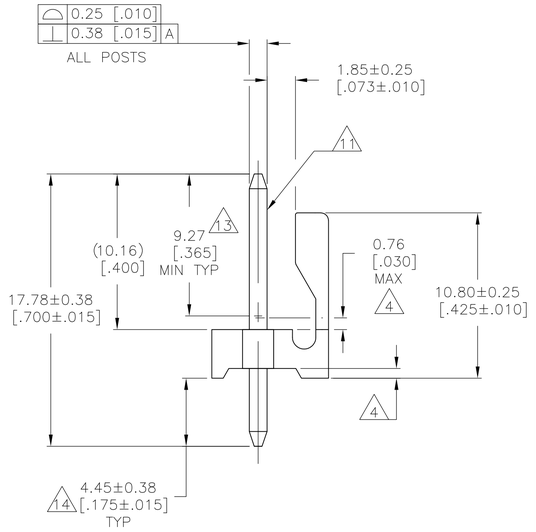
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-12-016927	040CT12	KH	SM



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 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 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.

7 MATERIAL: HEADER–THERMOPLASTIC POLYESTER GLASS–FILLED 94V–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 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.

11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.

12 DIMENSION SHOULD BE 4.45 [.175] MIN WHEN MATING WITH A MTA .156 CONNECTOR ASSEMBLY OR A SL–.156 CONNECTOR ASSEMBLY.

13 PLATING:GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.

14 PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381–0.00889 [.000150–.000350] THICK, ALL FOUR SIDES 4.45 [.175] MINIMUM FOR –2 THRU –24.
MATTE TIN PLATE AREA 0.00381–0.00889 [.000150–.000350] THICK ALL FOUR SIDES, 4.45 [.175] FOR –32 THRU –54.

15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

LEAD FREE				SUPERSEDED 15	CONTAINS LEAD			
DIM (L)	NO.OF POSN	ASSEMBLY			DIM (L)	NO.OF POSN	ASSEMBLY
95.10 [3.744]	24	5-644766-4			95.10 [3.744]	24	2-644766-4
91.14 [3.588]	23	5-644766-3			91.14 [3.588]	23	2-644766-3
87.17 [3.432]	22	5-644766-2			87.17 [3.432]	22	2-644766-2
83.21 [3.276]	21	5-644766-1			83.21 [3.276]	21	2-644766-1
79.25 [3.120]	20	5-644766-0			79.25 [3.120]	20	2-644766-0
75.29 [2.964]	19	4-644766-9			75.29 [2.964]	19	1-644766-9
71.32 [2.808]	18	4-644766-8			71.32 [2.808]	18	1-644766-8
67.36 [2.652]	17	4-644766-7			67.36 [2.652]	17	1-644766-7
63.40 [2.496]	16	4-644766-6			63.40 [2.496]	16	1-644766-6
59.44 [2.340]	15	4-644766-5			59.44 [2.340]	15	1-644766-5
55.47 [2.184]	14	4-644766-4			55.47 [2.184]	14	1-644766-4
51.51 [2.028]	13	4-644766-3			51.51 [2.028]	13	1-644766-3
47.55 [1.872]	12	4-644766-2		SUPERSEDED 15	47.55 [1.872]	12	1-644766-2
43.59 [1.716]	11	4-644766-1			43.59 [1.716]	11	1-644766-1
39.62 [1.560]	10	4-644766-0			39.62 [1.560]	10	1-644766-0
35.66 [1.404]	9	3-644766-9			35.66 [1.404]	9	644766-9
31.70 [1.248]	8	3-644766-8			31.70 [1.248]	8	644766-8
27.74 [1.092]	7	3-644766-7		SUPERSEDED 15	27.74 [1.092]	7	644766-7
23.77 [.936]	6	3-644766-6			23.77 [.936]	6	644766-6
19.81 [.780]	5	3-644766-5			19.81 [.780]	5	644766-5
15.85 [.624]	4	3-644766-4			15.85 [.624]	4	644766-4
11.89 [.468]	3	3-644766-3			11.89 [.468]	3	644766-3
7.92 [.312]	2	3-644766-2			7.92 [.312]	2	644766-2

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	07NOV02
CHK	D. BOSSI	07NOV02
APVD	D. BOSSI	07NOV02
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: MTA–.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, .000015 GOLD, SPECIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-644766	—

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV H

4805 (3/11)