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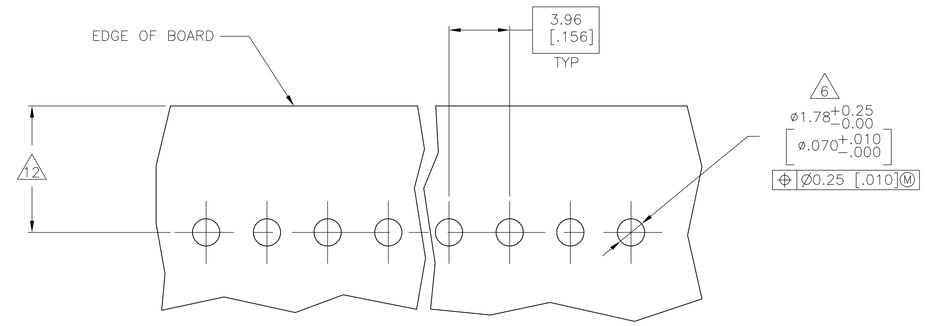
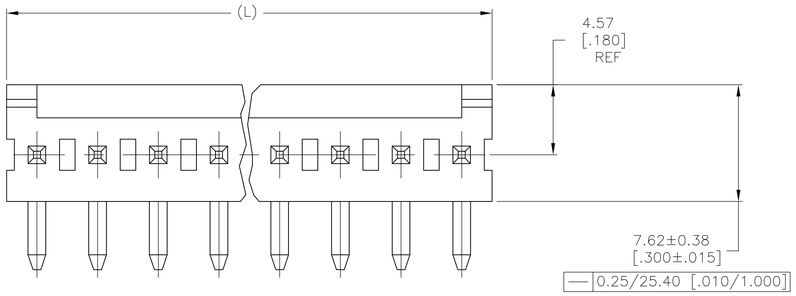
LOC	DIST
CM	00

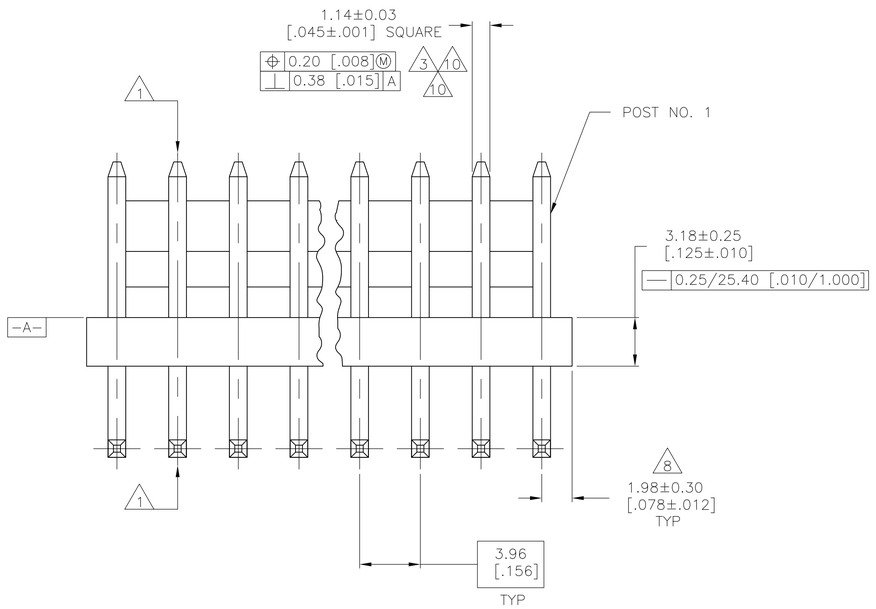
REVISIONS

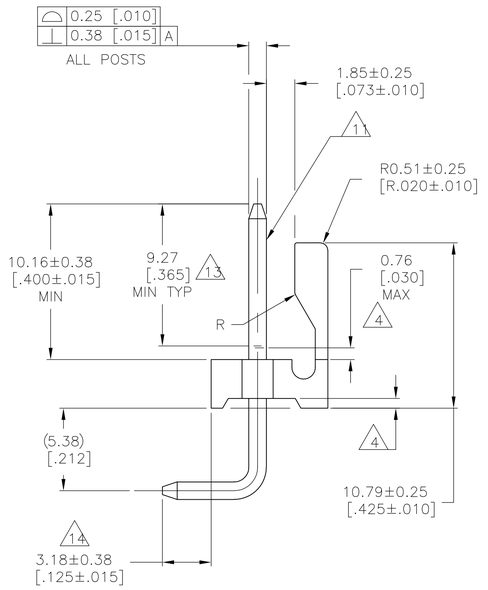
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AC1	REVISED PER ECR-15-006687	21OCT2015	NK	NL



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 8.26−10.16 [.325−.400] MIN WHEN MATING WITH A MTA−156 CONNECTOR ASSEMBLY OR 8.26−8.76 [.325−345] WHEN MATING WITH 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 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 3.18 [.125] MINIMUM FOR −2 THRU −24. MATTE TIN PLATE AREA 0.00381−0.00889 [.000150−.000350] THICK ALL FOUR SIDES, 3.18 [.125] FOR −32 THRU −54.
15. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
16. OBSOLETE PART

LEAD FREE			
DIM (L)	NO.OF POSN	ASSEMBLY	
95.10 [3.744]	24	5−641121−4	
91.14 [3.588]	23	5−641121−3	
87.17 [3.432]	22	5−641121−2	
83.21 [3.276]	21	5−641121−1	
79.25 [3.120]	20	5−641121−0	
75.29 [2.964]	19	4−641121−9	
71.32 [2.808]	18	4−641121−8	
67.36 [2.652]	17	4−641121−7	
63.40 [2.496]	16	4−641121−6	
59.44 [2.340]	15	4−641121−5	
55.47 [2.184]	14	4−641121−4	
51.51 [2.028]	13	4−641121−3	
47.55 [1.872]	12	4−641121−2	
43.59 [1.716]	11	4−641121−1	
39.62 [1.560]	10	4−641121−0	
35.66 [1.404]	9	3−641121−9	
31.70 [1.248]	8	3−641121−8	
27.74 [1.092]	7	3−641121−7	
23.77 [.936]	6	3−641121−6	
19.81 [.780]	5	3−641121−5	
15.85 [.624]	4	3−641121−4	
11.89 [.468]	3	3−641121−3	
7.92 [.312]	2	3−641121−2	

CONTAINS LEAD			
DIM (L)	NO.OF POSN	ASSEMBLY	
95.10 [3.744]	24	~~2−641121−4~~ 15	
91.14 [3.588]	23	~~2−641121−3~~ 15	
87.17 [3.432]	22	~~2−641121−2~~ 15	
83.21 [3.276]	21	~~2−641121−1~~ 15	
79.25 [3.120]	20	~~2−641121−0~~ 15	
75.29 [2.964]	19	~~1−641121−9~~ 15	
71.32 [2.808]	18	~~1−641121−8~~ 15	
67.36 [2.652]	17	~~1−641121−7~~ 15	
63.40 [2.496]	16	~~1−641121−6~~ 15	
59.44 [2.340]	15	~~1−641121−5~~ 16	
55.47 [2.184]	14	~~1−641121−4~~ 15	
51.51 [2.028]	13	~~1−641121−3~~ 15	
47.55 [1.872]	12	~~1−641121−2~~ 15	
43.59 [1.716]	11	~~1−641121−1~~ 15	
39.62 [1.560]	10	~~1−641121−0~~ 16	
35.66 [1.404]	9	~~641121−9~~ 15	
31.70 [1.248]	8	~~641121−8~~ 15	
27.74 [1.092]	7	~~641121−7~~ 15	
23.77 [.936]	6	~~641121−6~~ 16	
19.81 [.780]	5	~~641121−5~~ 16	
15.85 [.624]	4	~~641121−4~~ 16	
11.89 [.468]	3	~~641121−3~~ 15	
7.92 [.312]	2	~~641121−2~~ 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	07NOV02
CHK	D. BOSSI	07NOV02
APVD	D. BOSSI	07NOV02
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: MTA−.156 HEADER ASSEMBLY, FRICTION LOCK RIGHT ANGLE, FRONT BEND, .045 SQUARE POST .000015 GOLD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C−641121	—

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV AC1