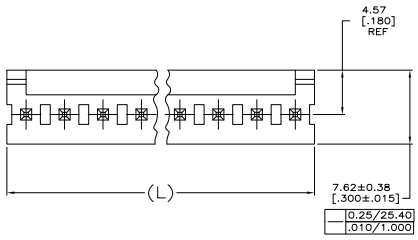
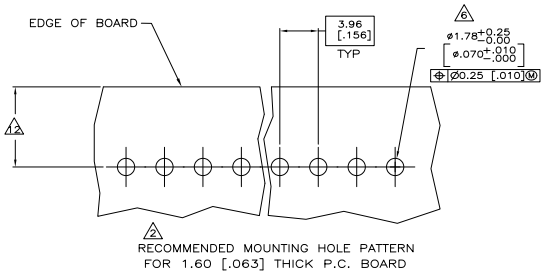
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.-.-
© COPYRIGHT ALL RIGHTS RESERVED

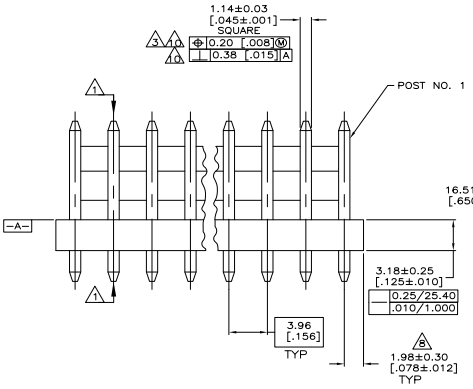
UOC	DIST
CM	00

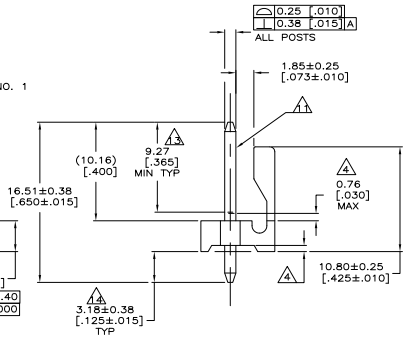
REVISIONS

P	LTR	DESCRIPTION	DATE	DRN	APVD
	AE	REVISED PER ECO-11-014391	20OCT11	KH	SM









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 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.

LEAD FREE

DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	5−641119−4
91.14 [3.588]	23	5−641119−3
87.17 [3.432]	22	5−641119−2
83.21 [3.276]	21	5−641119−1
79.25 [3.120]	20	5−641119−0
75.29 [2.964]	19	4−641119−9
71.32 [2.808]	18	4−641119−8
67.36 [2.652]	17	4−641119−7
63.40 [2.496]	16	4−641119−6
59.44 [2.340]	15	4−641119−5
55.47 [2.184]	14	4−641119−4
51.51 [2.028]	13	4−641119−3
47.55 [1.872]	12	4−641119−2
43.59 [1.716]	11	4−641119−1
39.62 [1.560]	10	4−641119−0
35.66 [1.404]	9	3−641119−9
31.70 [1.248]	8	3−641119−8
27.74 [1.092]	7	3−641119−7
23.77 [.936]	6	3−641119−6
19.81 [.780]	5	3−641119−5
15.85 [.624]	4	3−641119−4
11.89 [.468]	3	3−641119−3
7.92 [.312]	2	3−641119−2

CONTAINS LEAD

DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	2−641119−4
91.14 [3.588]	23	~~2−641119−3~~ 15
87.17 [3.432]	22	~~2−641119−2~~ 15
83.21 [3.276]	21	~~2−641119−1~~ 15
79.25 [3.120]	20	2−641119−0
75.29 [2.964]	19	~~1−641119−9~~ 15
71.32 [2.808]	18	~~1−641119−8~~ 15
67.36 [2.652]	17	~~1−641119−7~~ 15
63.40 [2.496]	16	1−641119−6
59.44 [2.340]	15	1−641119−5
55.47 [2.184]	14	1−641119−4
51.51 [2.028]	13	1−641119−3
47.55 [1.872]	12	1−641119−2
43.59 [1.716]	11	1−641119−1
39.62 [1.560]	10	1−641119−0
35.66 [1.404]	9	641119−9
31.70 [1.248]	8	641119−8
27.74 [1.092]	7	641119−7
23.77 [.936]	6	641119−6
19.81 [.780]	5	641119−5
15.85 [.624]	4	641119−4
11.89 [.468]	3	641119−3
7.92 [.312]	2	641119−2

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

1−641119−7	SUPERSEDED BY 4−641119−7
1−641119−8	SUPERSEDED BY 4−641119−8
1−641119−9	SUPERSEDED BY 4−641119−9
2−641119−1	SUPERSEDED BY 5−641119−1
2−641119−2	SUPERSEDED BY 5−641119−2
2−641119−3	SUPERSEDED BY 5−641119−3

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCE UNLESS OTHERWISE SPECIFIED: 0 PLC ±; 1 PLC ±; 2 PLC ±; 3 PLC ±; 4 PLC ±; ANGLES ±; FINISH ±; 0.13 [.005]

MATERIAL 7 FINISH 7

DRN	S. HOOVER	07−NOV−2002
CHK	D. BOSSI	07−NOV−2002
APVD	D. BOSSI	07−NOV−2002
PRODUCT SPEC		
APPLICATION SPEC		
WEIGHT		

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C−641119	—

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

4805 (3/11)

Downloaded from Elcodis.com electronic components distributor