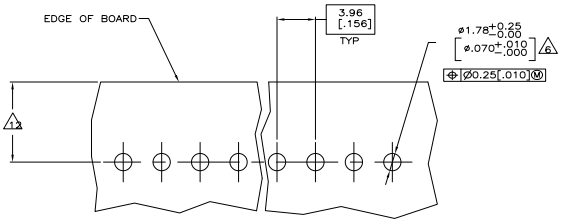
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.-.-
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

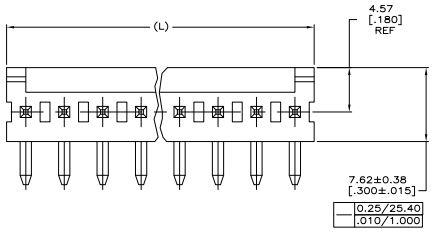
UOC	DIST
CM	00

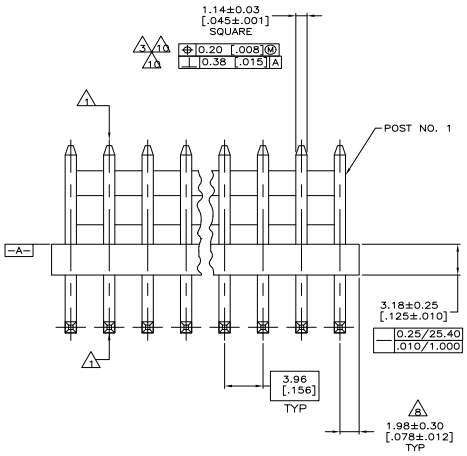
REVISIONS

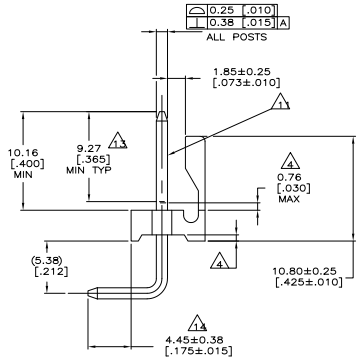
P	LTR	DESCRIPTION	DATE	DRN	APVD
	D	REVISED PER ECO-08-017243	14JUL08	HMR	DB
	D1	REVISED PER ECO-09-023929	15OCT09	KK	AEG



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] MIN WHEN MATING WITH A SL−156 CONNECTOR ASSEMBLY.
13. PLATING: GOLD PLATE AREA, 0.00038 [.000015] MINIMUM, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MINIMUM, 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

DIM (L)		NO.OF POSN	ASSEMBLY
95.10	[3.744]	24	5−644768−4
91.14	[3.588]	23	5−644768−3
87.17	[3.432]	22	5−644768−2
83.21	[3.276]	21	5−644768−1
79.25	[3.120]	20	5−644768−0
75.29	[2.964]	19	4−644768−9
71.32	[2.808]	18	4−644768−8
67.36	[2.652]	17	4−644768−7
63.40	[2.496]	16	4−644768−6
59.44	[2.340]	15	4−644768−5
55.47	[2.184]	14	4−644768−4
51.51	[2.028]	13	4−644768−3
47.55	[1.872]	12	4−644768−2
43.59	[1.716]	11	4−644768−1
39.62	[1.560]	10	4−644768−0
35.66	[1.404]	9	3−644768−9
31.70	[1.248]	8	3−644768−8
27.74	[1.092]	7	3−644768−7
23.77	[.936]	6	3−644768−6
19.81	[.780]	5	3−644768−5
15.85	[.624]	4	3−644768−4
11.89	[.468]	3	3−644768−3
7.92	[.312]	2	3−644768−2

SUPERSEDED 15

CONTAINS LEAD

DIM (L)		NO.OF POSN	ASSEMBLY
95.10	[3.744]	24	2−644768−4
91.14	[3.588]	23	2−644768−3
87.17	[3.432]	22	2−644768−2
83.21	[3.276]	21	2−644768−1
79.25	[3.120]	20	2−644768−0
75.29	[2.964]	19	1−644768−9
71.32	[2.808]	18	1−644768−8
67.36	[2.652]	17	1−644768−7
63.40	[2.496]	16	1−644768−6
59.44	[2.340]	15	1−644768−5
55.47	[2.184]	14	1−644768−4
51.51	[2.028]	13	1−644768−3
47.55	[1.872]	12	1−644768−2
43.59	[1.716]	11	1−644768−1
39.62	[1.560]	10	1−644768−0
35.66	[1.404]	9	644768−9
31.70	[1.248]	8	644768−8
27.74	[1.092]	7	644768−7
23.77	[.936]	6	644768−6
19.81	[.780]	5	644768−5
15.85	[.624]	4	644768−4
11.89	[.468]	3	644768−3
7.92	[.312]	2	644768−2

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 7 FINISH 7

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

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C−644768	—

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1 REV D1

AMP 4805 REV 31MM2000

Downloaded from Elcodis.com electronic components distributor