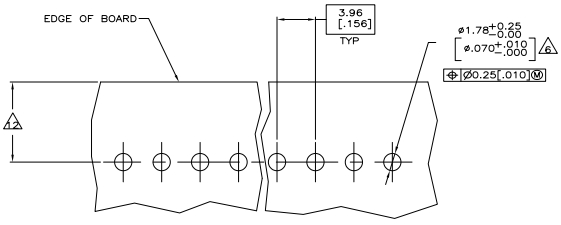
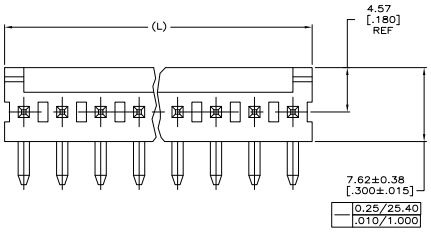
UOC	DIST
CM	00

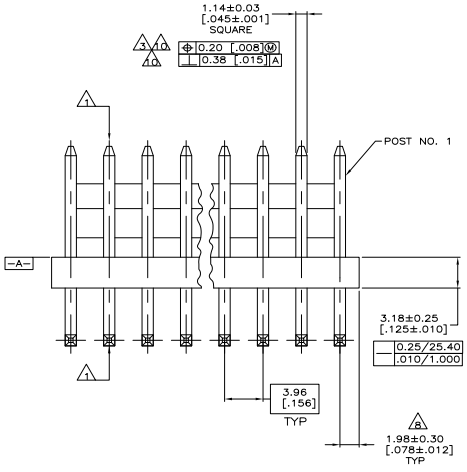
REVISIONS

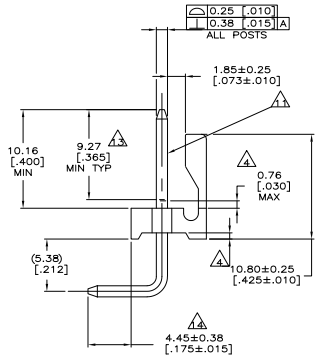
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REVISED PER ECO-08-017243	14JUL08	HMR	DB
	D1	REVISED PER ECO-10-000443	16JAN10	KK	AEG



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD 12







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, 0.00076 [.000030] 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	5−644761−4
91.14 [3.588]	23	5−644761−3
87.17 [3.432]	22	5−644761−2
83.21 [3.276]	21	5−644761−1
79.25 [3.120]	20	5−644761−0
75.29 [2.964]	19	4−644761−9
71.32 [2.808]	18	4−644761−8
67.36 [2.652]	17	4−644761−7
63.40 [2.496]	16	4−644761−6
59.44 [2.340]	15	4−644761−5
55.47 [2.184]	14	4−644761−4
51.51 [2.028]	13	4−644761−3
47.55 [1.872]	12	4−644761−2
43.59 [1.716]	11	4−644761−1
39.62 [1.560]	10	4−644761−0
35.66 [1.404]	9	3−644761−9
31.70 [1.248]	8	3−644761−8
27.74 [1.092]	7	3−644761−7
23.77 [.936]	6	3−644761−6
19.81 [.780]	5	3−644761−5
15.85 [.624]	4	3−644761−4
11.89 [.468]	3	3−644761−3
7.92 [.312]	2	3−644761−2

S/B 5−644761−4	S/B 3−644761−5
S/B 5−644761−3	S/B 3−644761−4
S/B 5−644761−2	S/B 3−644761−3
S/B 5−644761−1	S/B 3−644761−2
S/B 5−644761−0	
S/B 4−644761−9	
S/B 4−644761−8	
S/B 4−644761−7	
S/B 4−644761−6	
S/B 4−644761−5	
S/B 4−644761−4	
S/B 4−644761−3	
S/B 4−644761−2	
S/B 4−644761−1	
S/B 4−644761−0	
S/B 3−644761−9	
S/B 3−644761−8	
S/B 3−644761−7	

CONTAINS LEAD

DIM (L)	NO.OF POSN	ASSEMBLY
95.10 [3.744]	24	~~2−644761−4~~
91.14 [3.588]	23	~~2−644761−3~~
87.17 [3.432]	22	~~2−644761−2~~
83.21 [3.276]	21	~~2−644761−1~~
79.25 [3.120]	20	~~2−644761−0~~
75.29 [2.964]	19	~~1−644761−9~~
71.32 [2.808]	18	~~1−644761−8~~
67.36 [2.652]	17	~~1−644761−7~~
63.40 [2.496]	16	~~1−644761−6~~
59.44 [2.340]	15	~~1−644761−5~~
55.47 [2.184]	14	~~1−644761−4~~
51.51 [2.028]	13	~~1−644761−3~~
47.55 [1.872]	12	~~1−644761−2~~
43.59 [1.716]	11	~~1−644761−1~~
39.62 [1.560]	10	~~1−644761−0~~
35.66 [1.404]	9	~~644761−9~~
31.70 [1.248]	8	~~644761−8~~
27.74 [1.092]	7	~~644761−7~~
23.77 [.936]	6	644761−6
19.81 [.780]	5	~~644761−5~~
15.85 [.624]	4	~~644761−4~~
11.89 [.468]	3	~~644761−3~~
7.92 [.312]	2	~~644761−2~~

METRIC

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	—

Tyco Electronics Corporation, Harrisburg, PA 17105−3608

NAME: MTA−.156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND, .045 SQUARE POST, .000030 GOLD, SPECIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C−644761	—

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

AMP 4805 REV 31MAR2000