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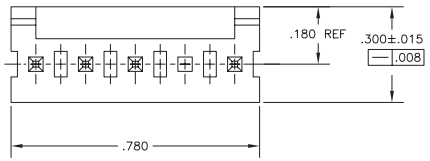
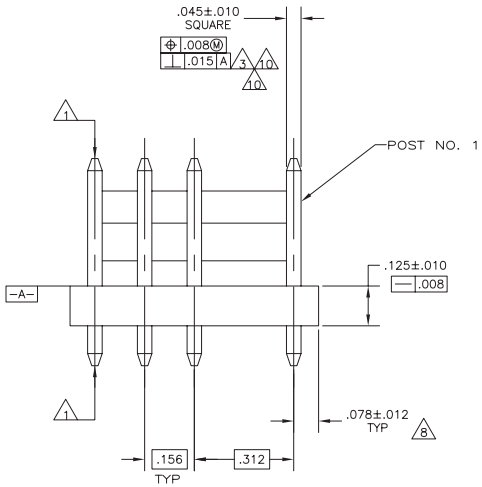
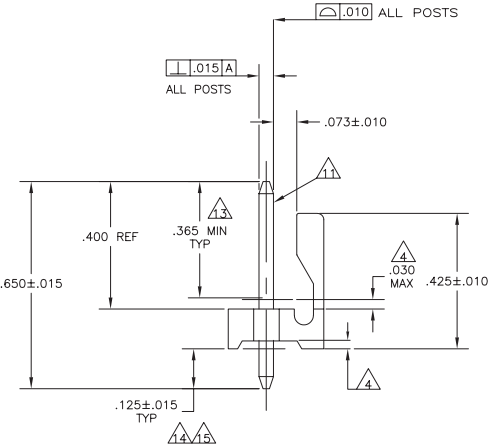
LOC	DIST
CM	00

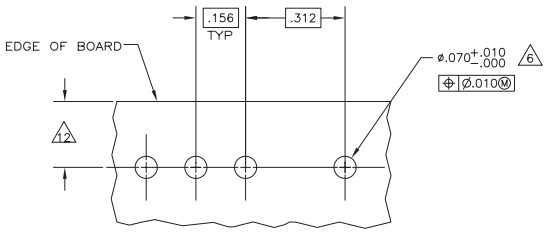
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-08-017244	14JUL08	HMR	DB









RECOMMENDED MOUNTING HOLE PATTERN
FOR .063 THICK P.C. BOARD 2

1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. 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 (.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 .175 MIN WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
13. GOLD PLATE AREA, .000030 MIN., ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN., ALL SIDES AND ENTIRE LENGTH OF POST.
14. BRIGHT TIN-LEAD (93/7) PLATE 0.00381(.000150") MIN THICK ALL FOUR SIDES 3.18(.125) MIN.
15. MATTE TIN PLATE 0.00381(.000150") MIN THICK ALL FOUR SIDES 3.18(.125) MIN.

METRIC

		.780	19.81
.063	1.60	.650	16.51
.060	1.52	.400	10.16
.045	1.14	.425	10.80
.030	0.76	.365	9.27
.015	0.38	.312	7.92
.012	0.30	.300	7.62
.010	0.25	.180	4.57
.008	0.20	.175	4.45
.005	0.13	.156	3.96
.001	0.03	.125	3.18
.000350	0.00889	.078	1.98
.000150	0.00381	.070	1.78
.000050	0.00127	.068	1.73
.000030	0.00076	.065	1.65
[IN]	MM	[IN]	MM

CONVERSION TABLE

1 3 5	2	3-644087-2
1 3 4	2	644087-2
FINISH	POST NUMBER OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ± .005
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, STRAIGHT, .045 SQUARE POST, .000030 GOLD, 5 POSITION, OMITTED POST

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-644087	-

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

4805 (1/08)