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REV	DATE	BY	CHK	APP
1	11/14/08	HMR	DB	

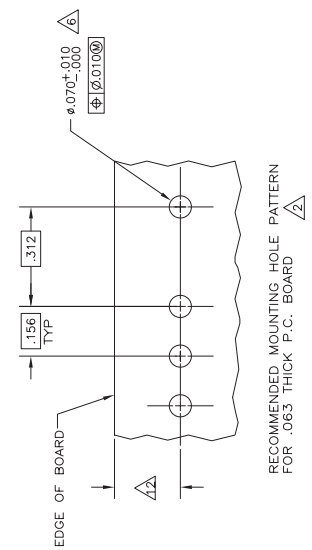
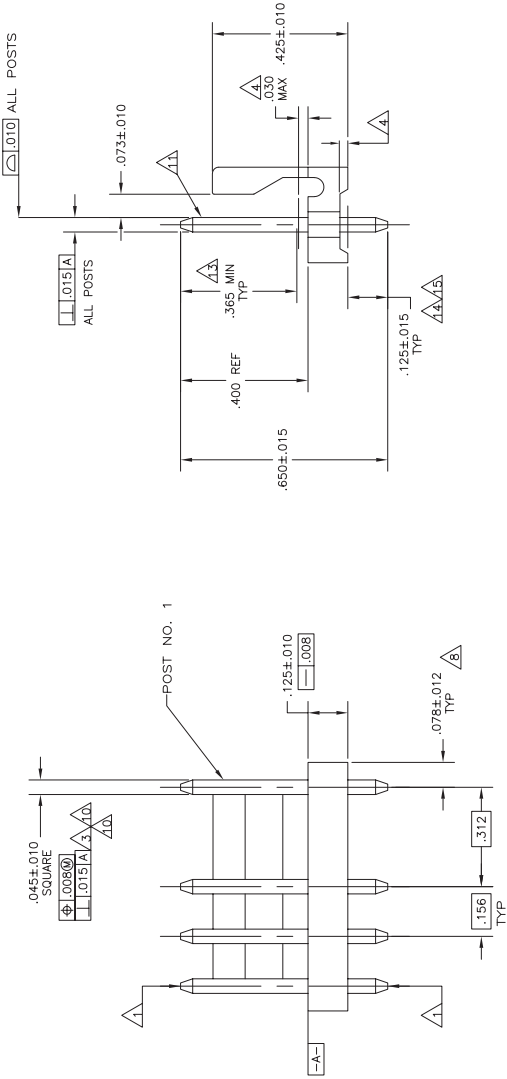
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METRIC

IN	MM	IN	MM
.063	1.60	.780	19.81
.060	1.52	.400	10.16
.045	1.14	.425	10.80
.030	0.76	.365	9.27
.015	0.38	.312	7.92
.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	0.0089	.078	1.98
.000150	0.00381	.070	1.78
.000050	0.00127	.068	1.73
.000030	0.00076	.065	1.65

CONVERSION TABLE

- 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-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 1.75 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.



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DESIGNED BY: HMR		1	11/14/08	HMR	DB	
CHECKED BY: HMR						
ENGINEER: HMR						
DRAWN BY: HMR						
DATE: 11/14/08						
SCALE: 1:1						
MATERIAL: [A]						

TYPE	FINISH	FINISH	FINISH	FINISH	FINISH
AAA	AAA	AAA	AAA	AAA	AAA

POST NUMBER	PART NUMBER
2	3-644087-2
2	644087-2

TYPE ELECTRONICS CORPORATION	
Northampton, PA 17102-3665	
DESIGNED BY: HMR	DATE: 11/14/08
CHECKED BY: HMR	
ENGINEER: HMR	
DRAWN BY: HMR	
DATE: 11/14/08	
SCALE: 1:1	
MATERIAL: [A]	