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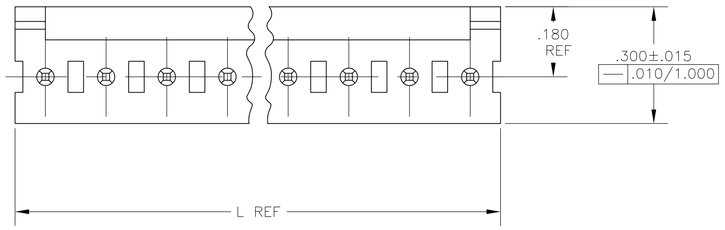
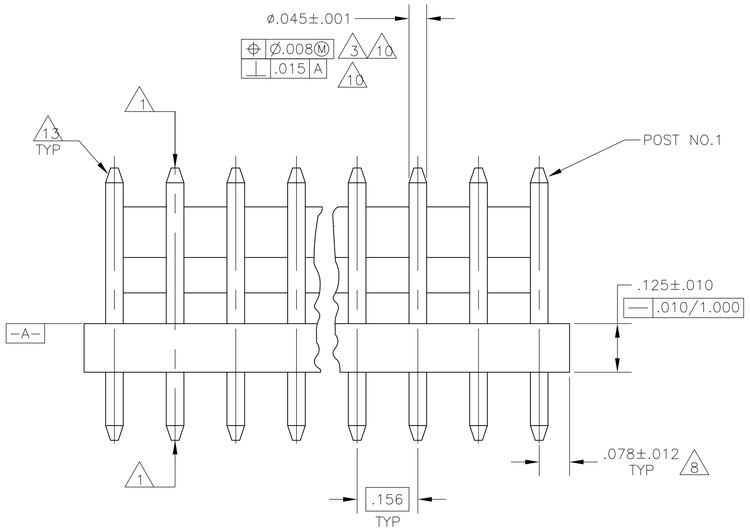
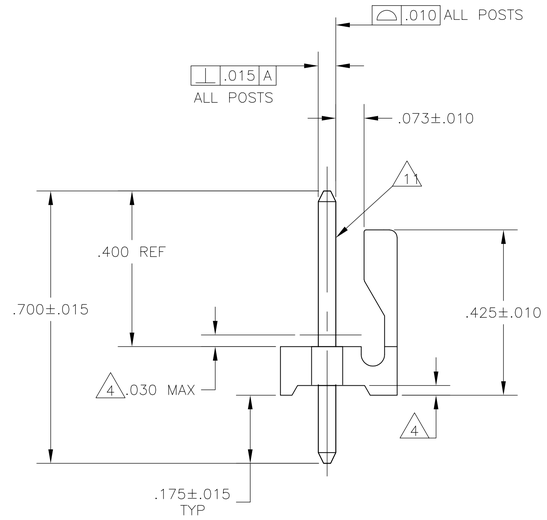
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED PER ECO-12-016926	04OCT12	KH	SM
	F1	ECR-12-016748	30AUG13	M.T	D.Z

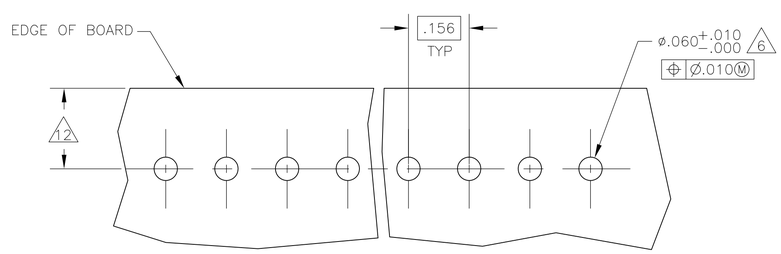






1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT SURFACE -A-
4. PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
6. ONE HOLE MAY BE UNDERSIZED (.051/.046 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-O (NATURAL)
   POST-COPPER ALLOY (TIN PLATED)
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. PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

L MM	L [IN]	NUMBER OF POSITIONS	PART NUMBER
95.10	3.744	24	2-644753-4
91.14	3.588	23	2-644753-3
87.17	3.432	22	2-644753-2
83.21	3.276	21	2-644753-1
79.25	3.120	20	2-644753-0
75.29	2.964	19	1-644753-9
71.32	2.808	18	1-644753-8
67.36	2.652	17	1-644753-7
63.40	2.496	16	1-644753-6
59.44	2.340	15	1-644753-5
55.47	2.184	14	1-644753-4
51.51	2.028	13	1-644753-3
47.55	1.872	12	1-644753-2
43.59	1.716	11	1-644753-1
39.62	1.560	10	1-644753-0
35.66	1.404	9	644753-9
31.70	1.248	8	644753-8
27.74	1.092	7	644753-7
23.77	.936	6	644753-6
19.81	.780	5	644753-5
15.85	.624	4	644753-4
11.89	.468	3	644753-3
7.92	.312	2	644753-2



F1 RECOMMENDED MOUNTING HOLE PATTERN FOR .109±0.016 THICK P.C.BOARD 2

[IN]	MM	[IN]	MM
.060	1.52	1.000	25.40
.051	1.30	.750	19.05
.046	1.17	.450	11.43
.045	1.14	.425	10.80
.030	0.76	.300	7.62
.015	0.38	.180	4.57
.012	0.30	.175	4.45
.010	0.25	.156	3.96
.008	0.20	.125	3.18
.005	0.13	.078	1.98
.003	0.08	.073	1.85
.001	0.03	.068	1.73
.000	0.00	.063	1.60

CONVERSION TABLE

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 —

TE Connectivity

NAME MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 ROUND POST, TIN PLATED, SPECIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-644753	—

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1 REV F1

4805 (3/11)