

F	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-0 (NATURAL)
POST-COPPER ALLOY (TIN PLATED)
- 8

COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9

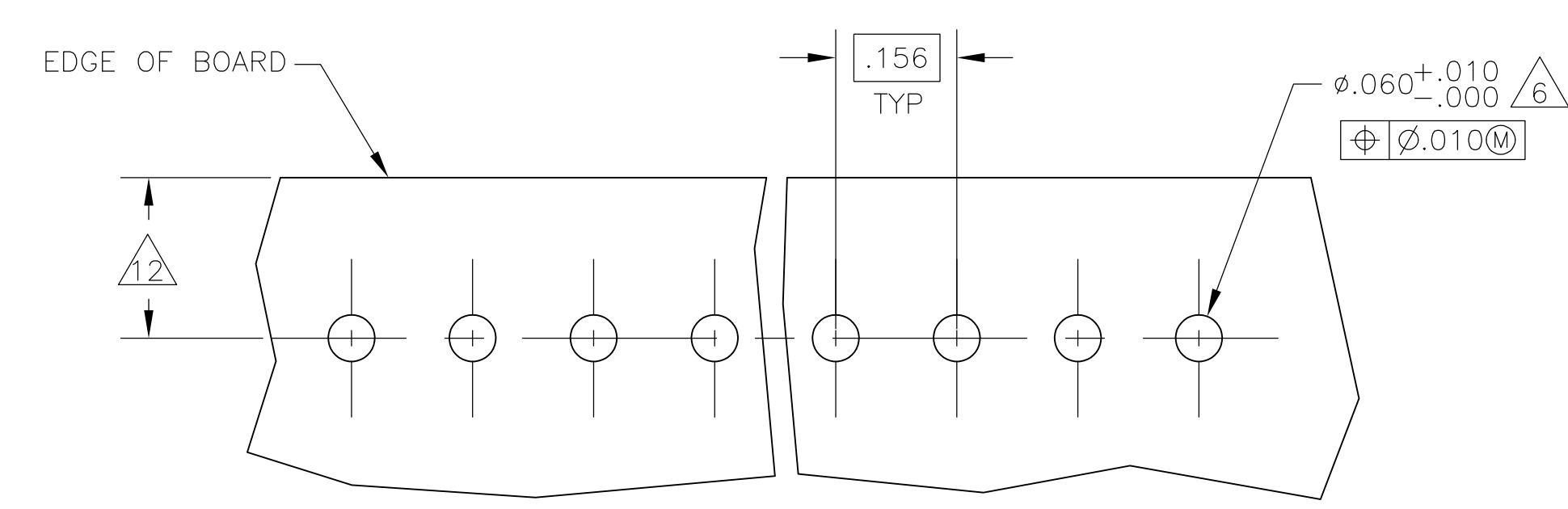
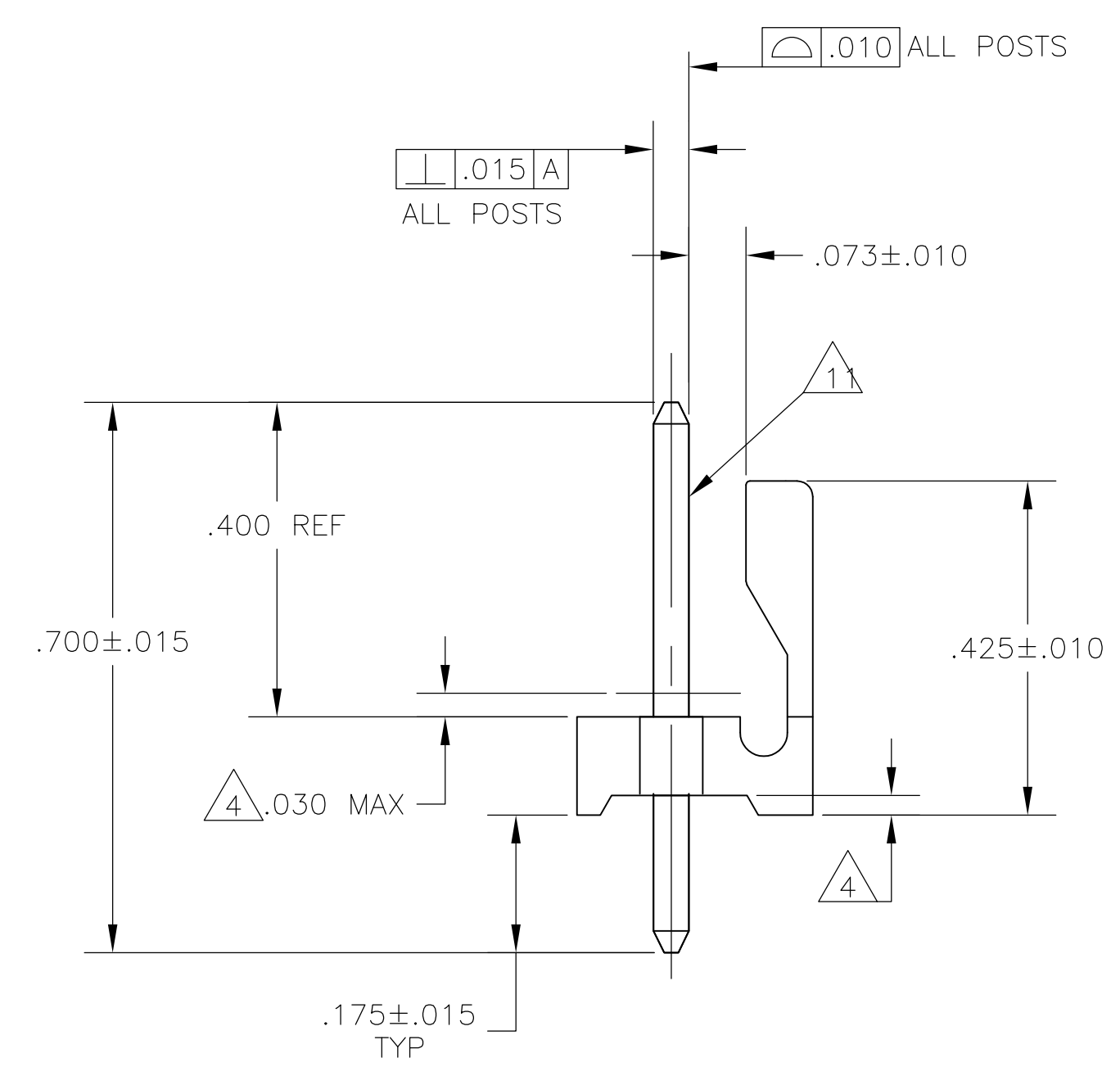
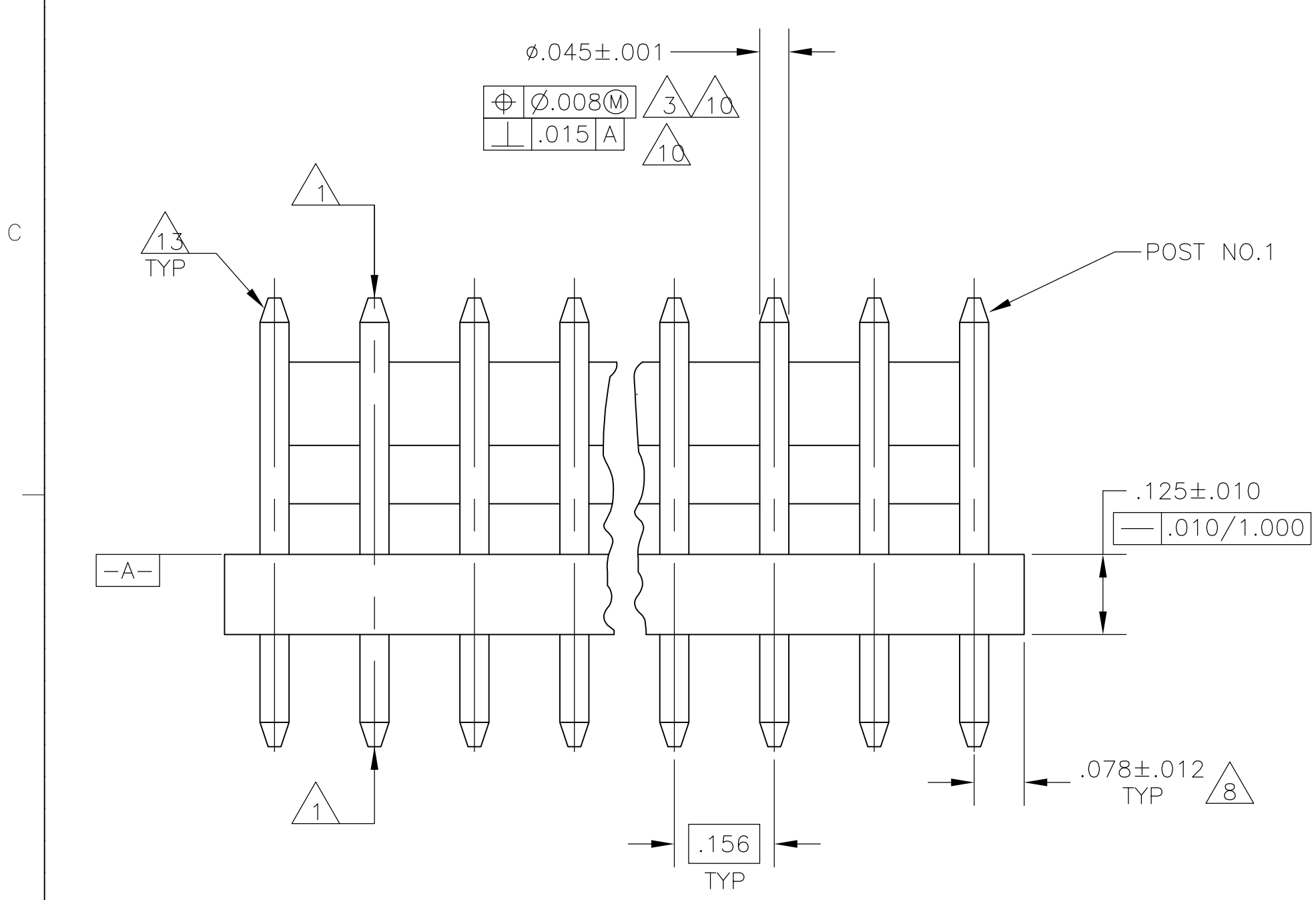
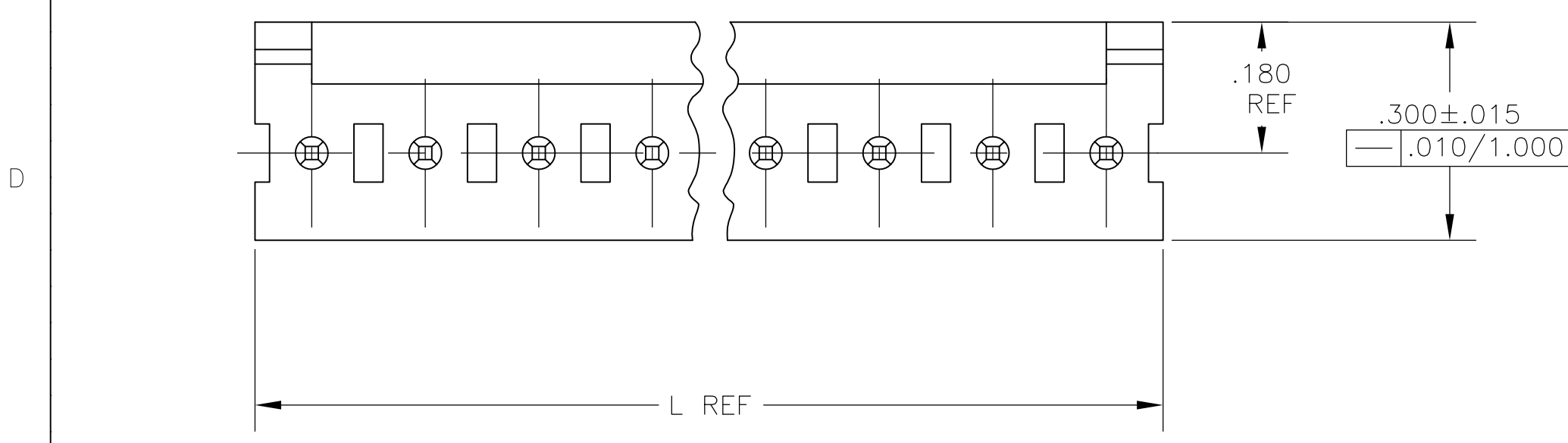
PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10

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.



.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
[IN]	MM	[IN]	MM

CONVERSION TABLE

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

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
MM	[IN]	NUMBER OF POSITIONS	PART NUMBER
L			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S. HOOVER
CHK
D. BOSSI

07NOV02
07NOV02

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0. PLC ± -
1. PLC ± -
2. PLC ± -
3. PLC ± .005
4. PLC ± - ± -
ANGLES ± -

MATERIAL
7

FINISH
7

APVD
D. BOSSI

07NOV02

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
644753

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE 5:1

SHEET 1 OF 1

REV F1

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-644753-4](#)