

LOC		DIST		REVISIONS				
CM	0	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			C	REVISED PER ECO-12-016930	05OCT12	KH	SM	
			C1	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 (.065/.060 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

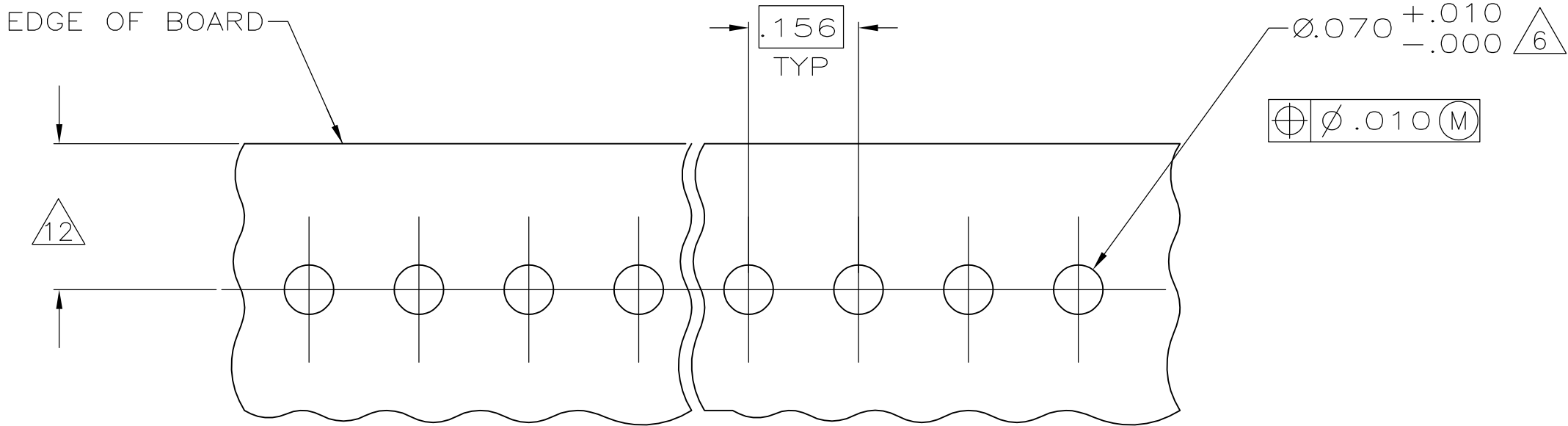
POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11

POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12

DIMENSION SHOULD BE .140 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.

.063	1.60	-	-
.060	1.52	-	-
.045	1.14	1.000	25.40
.030	0.76	.750	19.05
.018	0.46	.450	11.43
.015	0.38	.250	6.35
.012	0.30	.175	4.45
.010	0.25	.156	3.96
.008	0.20	.140	3.56
.005	0.13	.125	3.18
.003	0.08	.078	1.98
.001	0.03	.070	1.78
.000	0.00	.065	1.65
IN	MM	IN	MM
CONVERSION TABLE			



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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN L. SMITH 4-19-94
CHK R. SWING 4-19-94
APVD D. CLARK 5-06-94
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

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

MATERIAL 7

TE Connectivity

MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, TIN PLATED, SPECIAL

SIZE CAGE CODE DRAWING NO
A1 00779 644749

RESTRICTED TO

SCALE 5:1

SHEET 1 OF 1

REV C1

Mouser Electronics

Authorized Distributor

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[2-644749-1](#)