

LOC	DIST	REVISIONS			
		P	LTR	DATE	DWN
CM	0	B2	ECO-08-010700	02MAY08	KW

- 1

POST TO WITHSTAND 13 NEWTONS (3 LBS.) 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

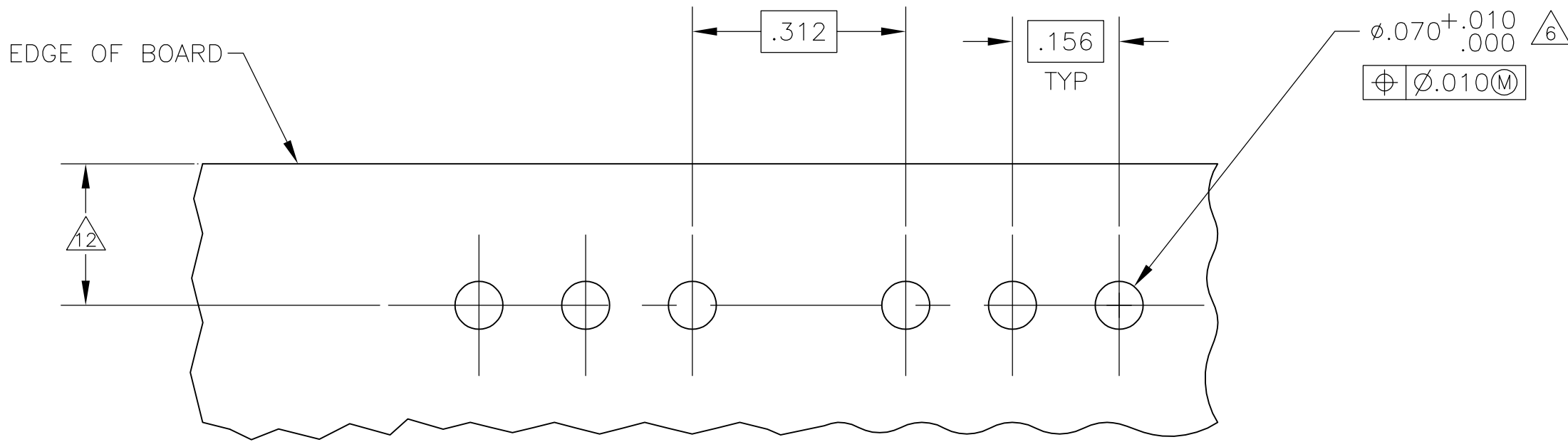
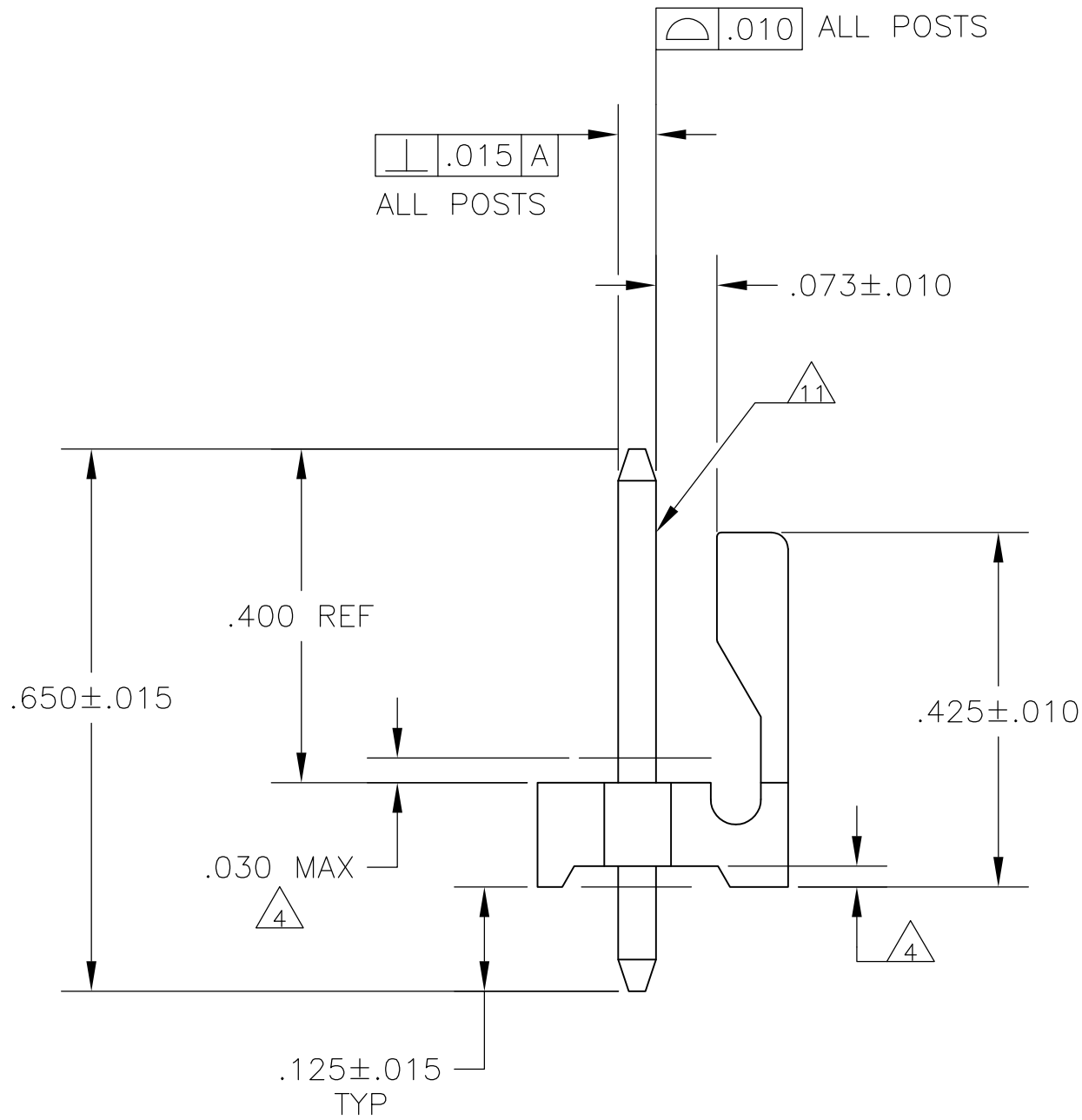
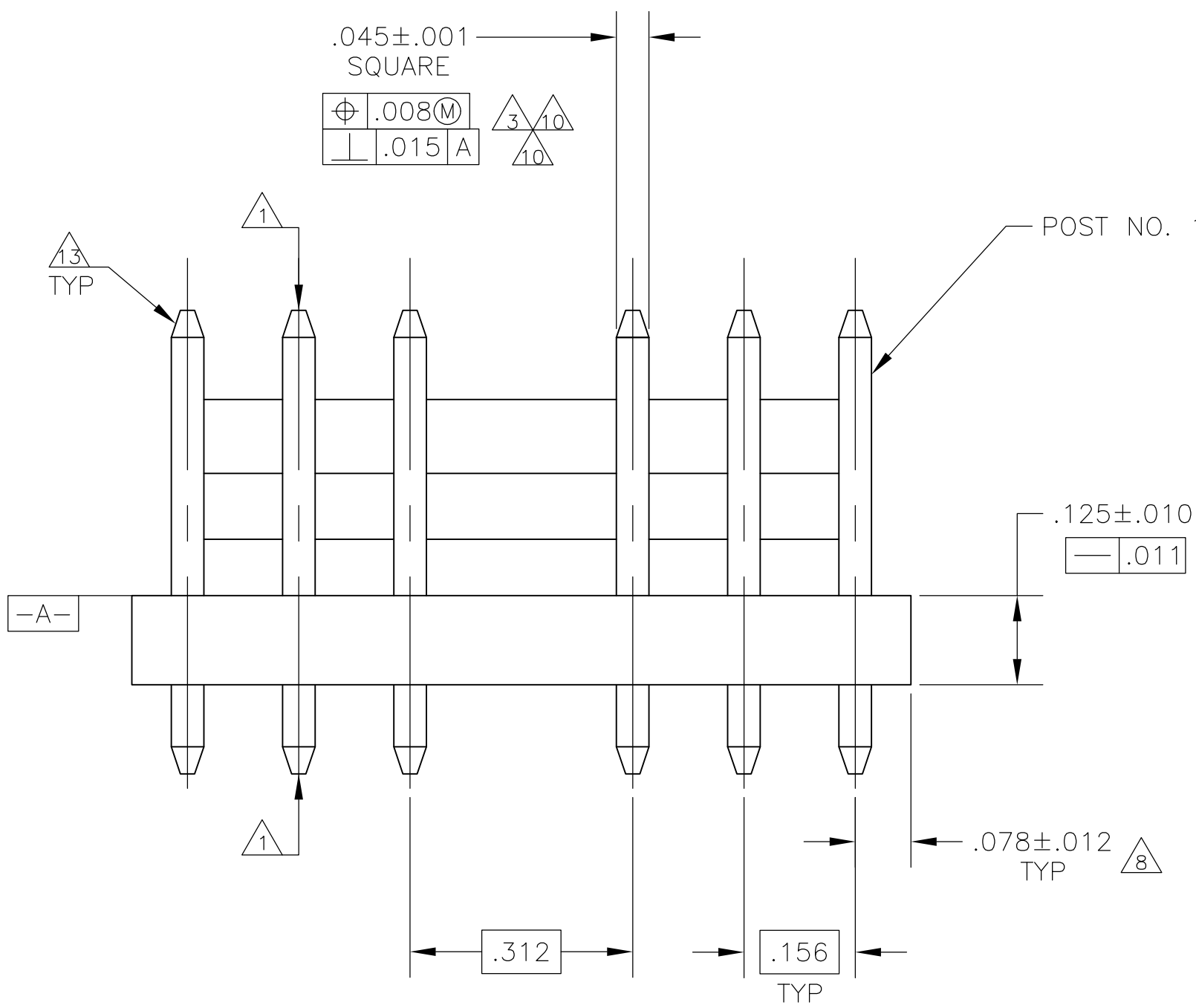
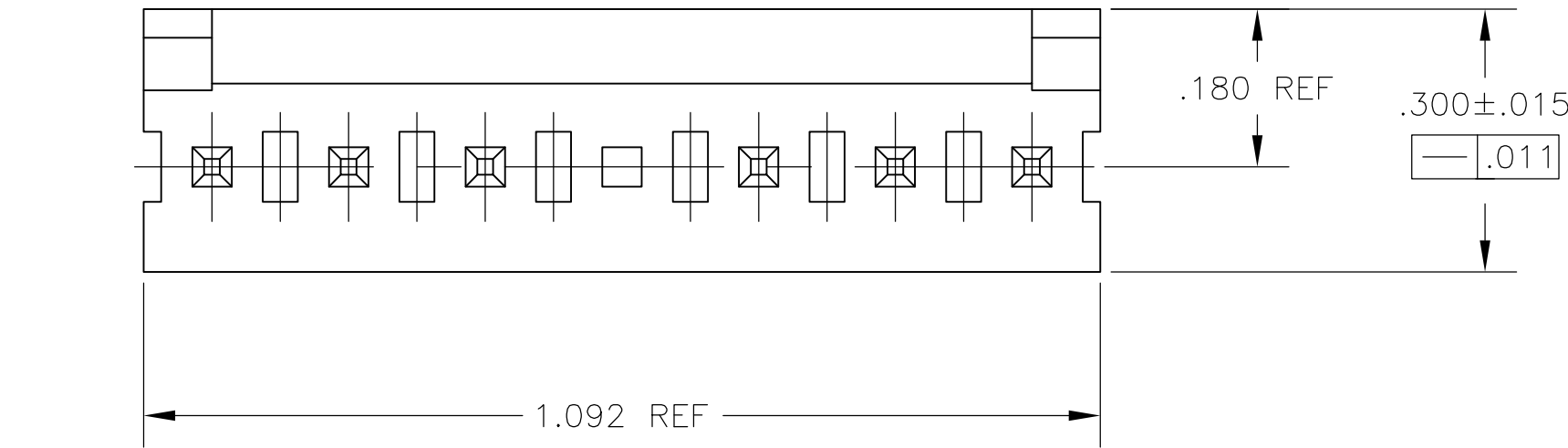
PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10

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

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

DIMENSION SHOULD BE .175 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.



RECOMMENDED MOUNTING HOLE PATTERN

2

 FOR .063 THICK P.C. BOARD

644970-1 SHOWN

.065	1.65	-	-
.063	1.60	1.092	27.74
.060	1.52	.700	17.78
.045	1.14	.450	11.43
.030	0.76	.425	10.80
.015	0.38	.312	7.92
.012	0.30	.300	7.62
.011	0.28	.180	4.57
.010	0.25	.175	4.45
.008	0.20	.156	3.96
.005	0.13	.125	3.18
.003	0.08	.078	1.98
.001	0.03	.073	1.85
.000	0.00	.070	1.78
IN	MM	IN	MM

CONVERSION TABLE

PRELIMINARY - NOT FOR PRODUCTION	3	644970-5
PRELIMINARY - NOT FOR PRODUCTION	6	644970-4
PRELIMINARY - NOT FOR PRODUCTION	5	644970-3
PRELIMINARY - NOT FOR PRODUCTION	2	644970-2
PRELIMINARY - NOT FOR PRODUCTION	4	644970-1
POST NUMBER OMITTED		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 29MAR96	Tyco Electronics Corporation Harriaburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK R. SWING 29MAR96	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, 7 POSITION, OMITTED POST	
0 PLC ± -		APPLICATION SPEC	SIZE	
1 PLC ± -		WEIGHT	A1 00779 644970	
2 PLC ± -		CUSTOMER DRAWING	SCALE 5:1	
3 PLC ± .005		REVISIONS	SHEET 1 OF 1	
4 PLC ± -		REV	B2	
ANGLES ± -				

METRIC