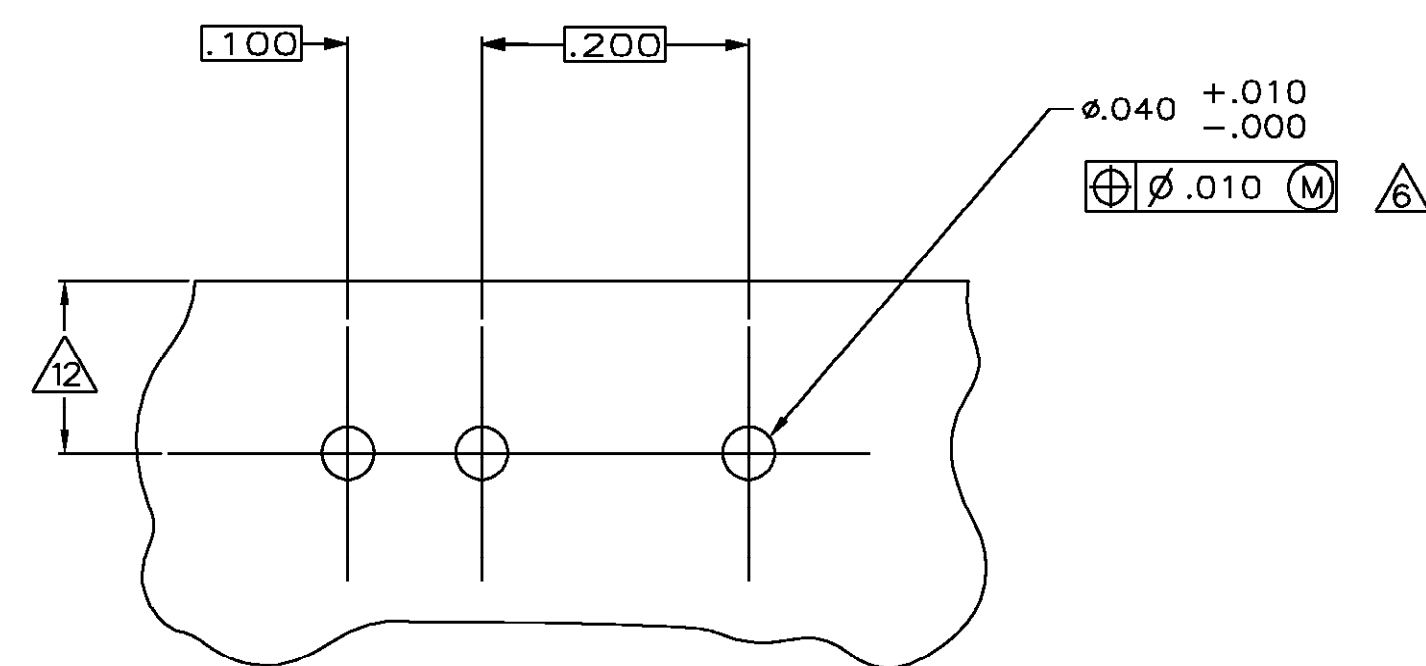
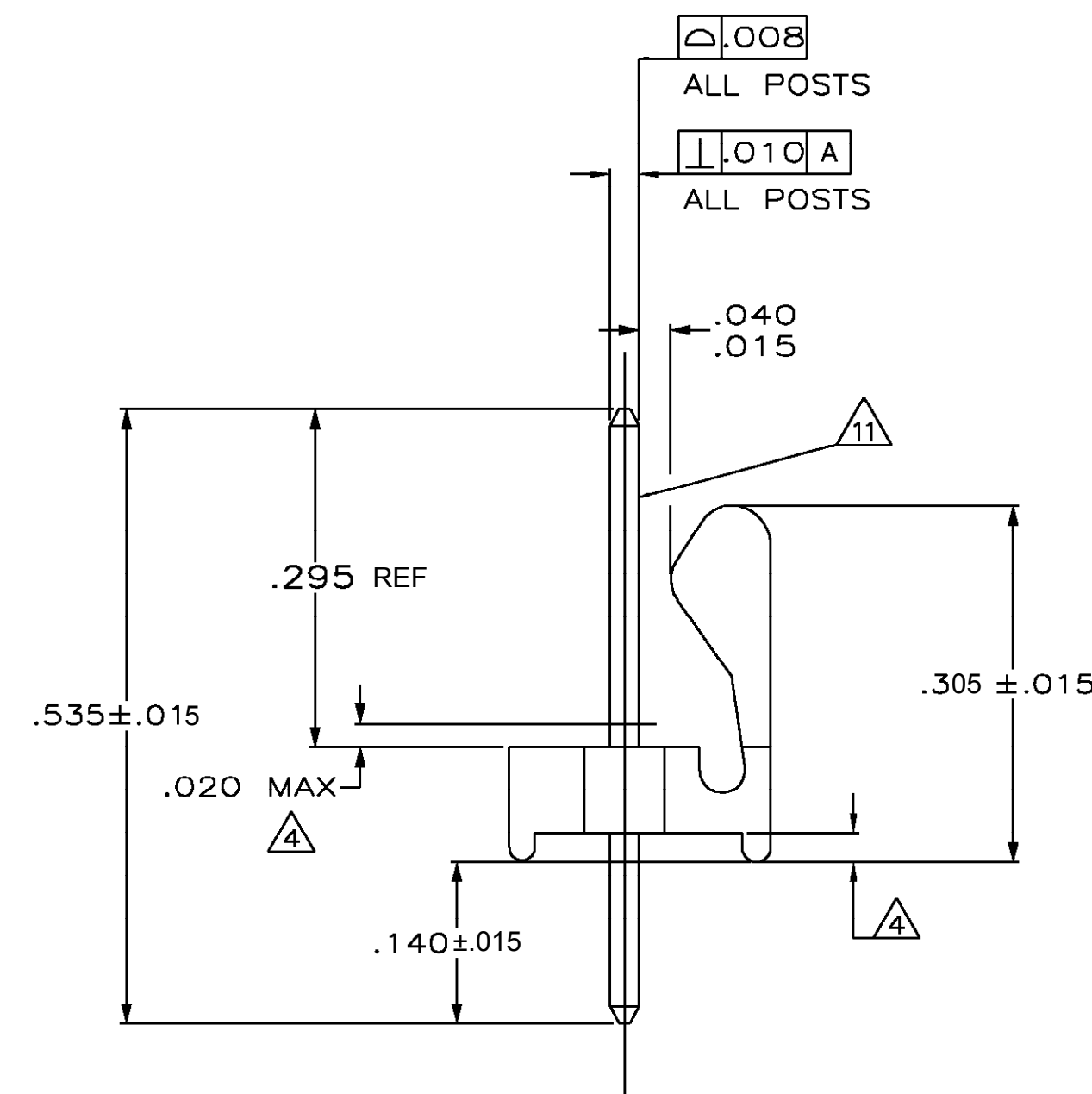
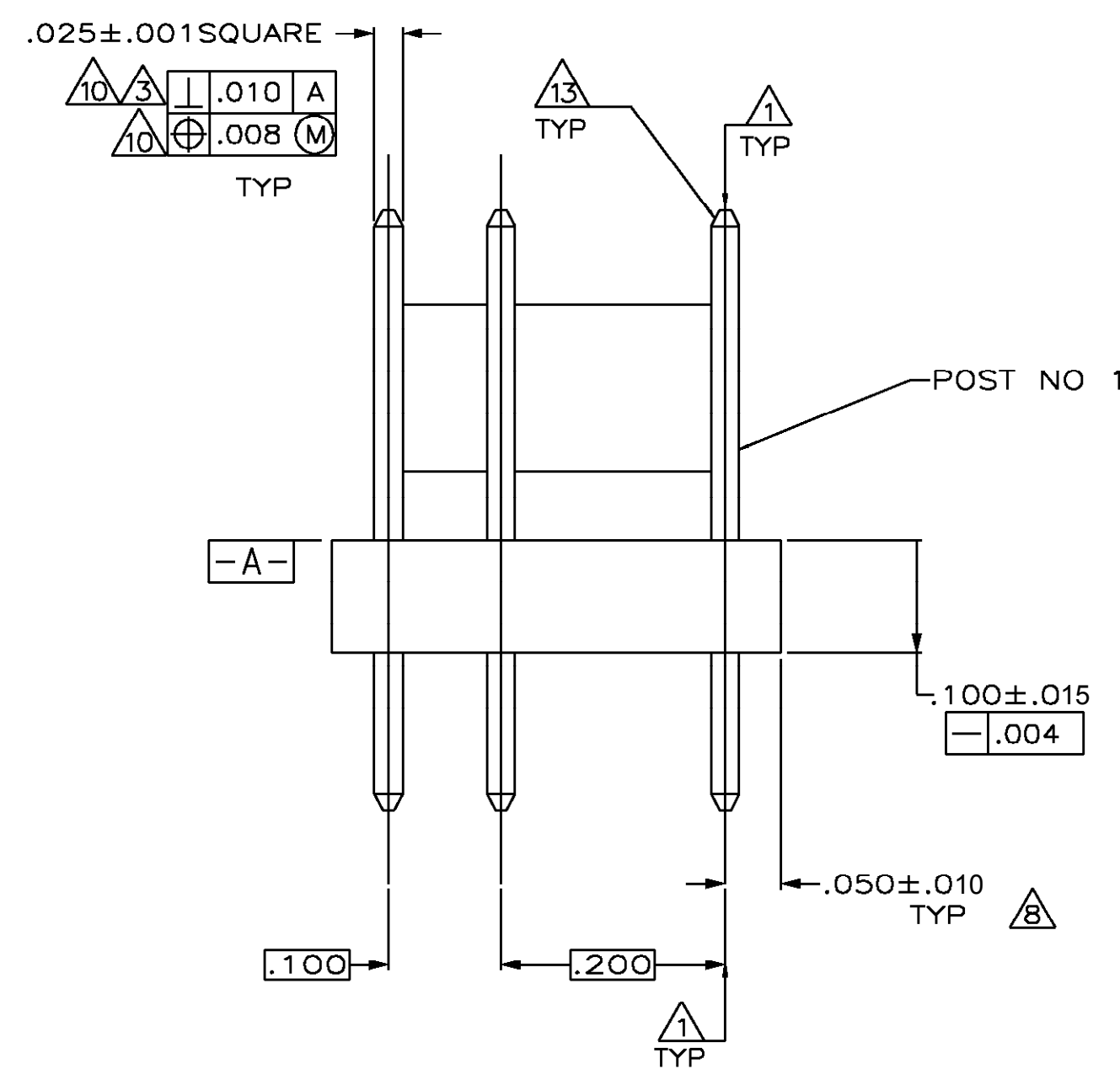
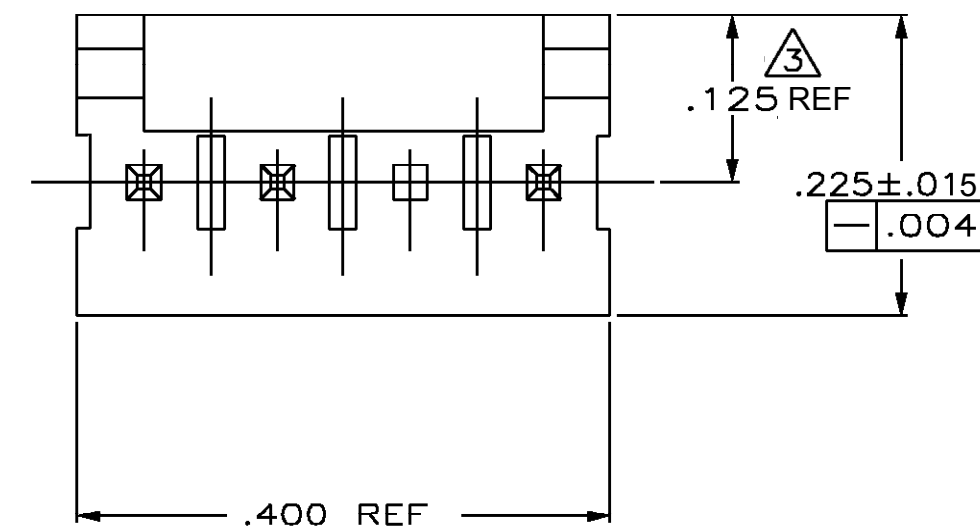


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LOC		DIST		REV		DATE		BY		APP'D	
CM		00		L3		07MAR16		NK		NL	



RECOMMENDED MOUNTING HOLE PATTERN
FOR .063 THICK P.C. BOARD

- △ POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- △ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- △ MEASURED AT SURFACE $\overline{A-A}$
- △ PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- △ ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-0(NATURAL)
POST-COPPER ALLOY (TIN-PLATED)
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- △ POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- △ POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- △ DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- △ PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

.040	1.02		
.035	0.89	.535	13.59
.032	0.81	.400	10.16
.025	0.64	.310	7.87
.020	0.51	.295	7.49
.015	0.38	.225	5.72
.010	0.25	.200	5.08
.008	0.20	.140	3.56
.005	0.13	.130	3.30
.004	0.10	.125	3.18
.003	0.08	.100	2.54
.001	0.03	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM

CONVERSION TABLE

643431-1 SHOWN

OBSOLETE	2 & 3	643431-5
	4	643431-4
	1	643431-3
	3	643431-2
	2	643431-1
POST NUMBER OMITTED		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN L SMITH 3-30-93	OK P SWING 3-30-93	APRD R SPEED 4-15-93	NAME
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
INCHES		0 PLC ± -		APPLICATION SPEC	
1 PLC ± -		2 PLC ± .005		WEIGHT	
3 PLC ± -		ANGLES ± 0°30'		CUSTOMER DRAWING	
MATERIAL		FINISH		SCALE 8:1	
△		△		SHEET 1 OF 1	
REV L3		SIZE A1		CAGE CODE 00779	
DRAWING NO 643431		RESTRICTED TO		TE Connectivity	
MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, 4 POSITION, OMITTED POST		DATE 07MAR16		BY NK	

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[643431-5](#)