

LOC	DIST	REVISIONS			
CM	54	REV	LTR	DESCRIPTION	DATE
		S2	REVISED PER	ECO-14-011424	23SEP14

- 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(.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7

MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-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

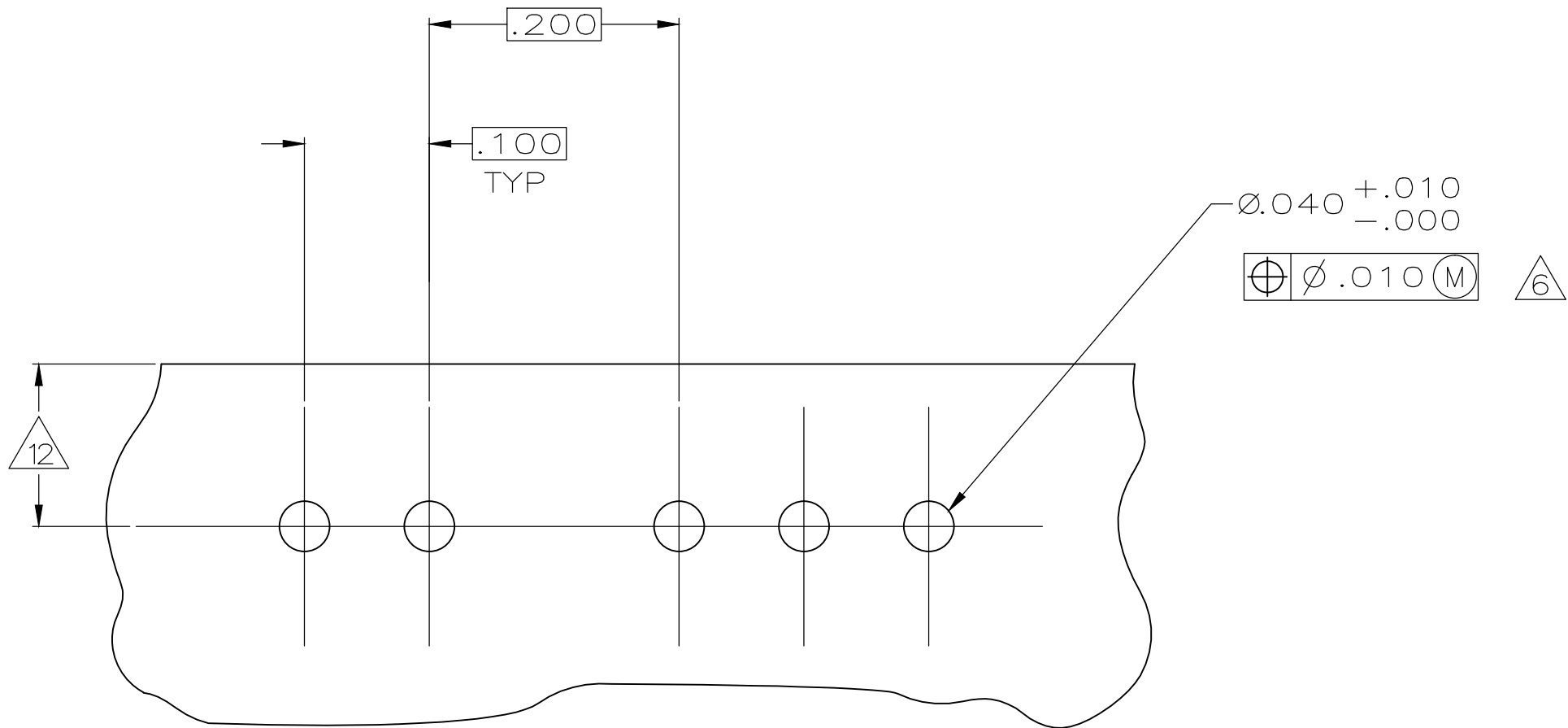
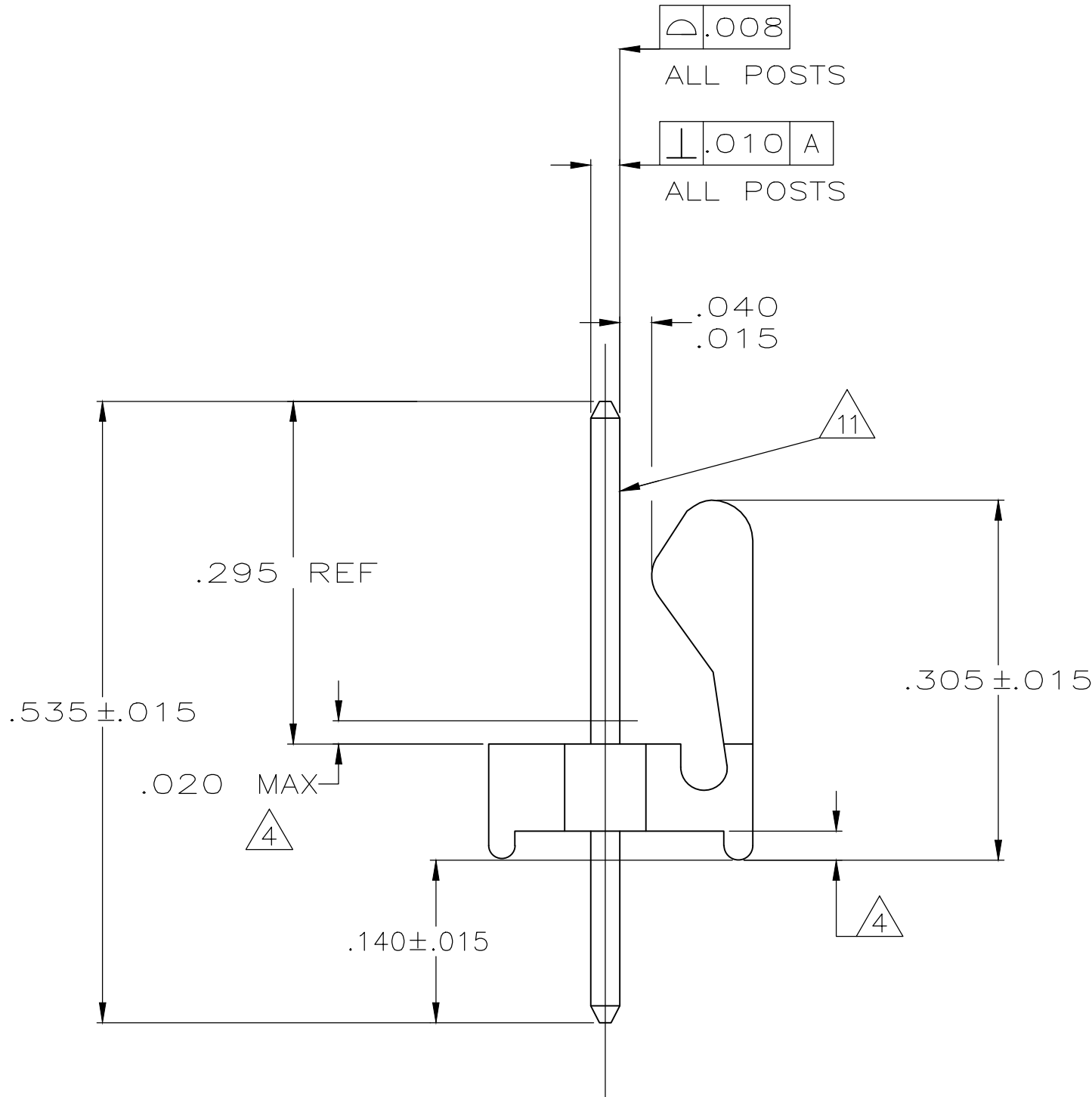
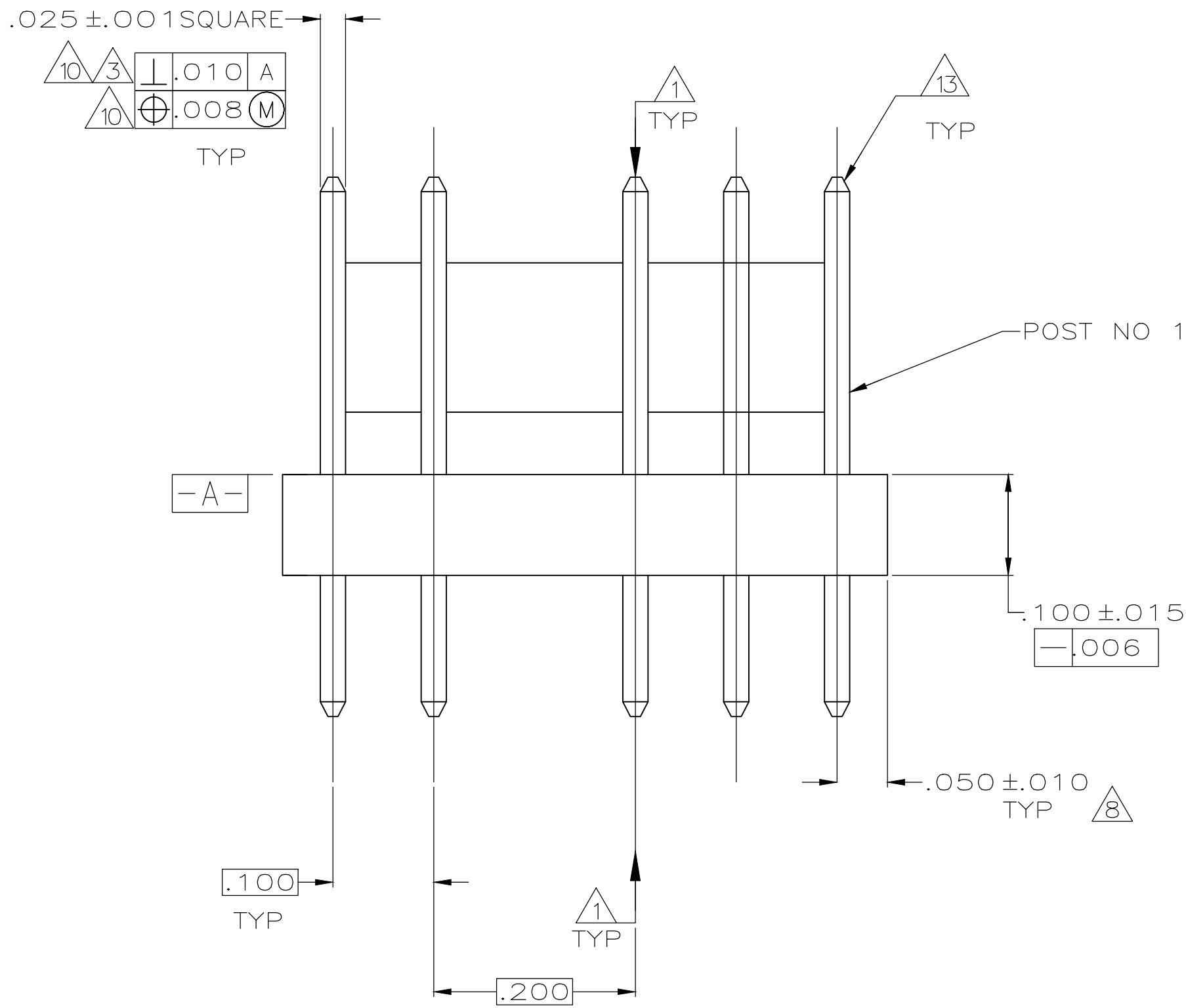
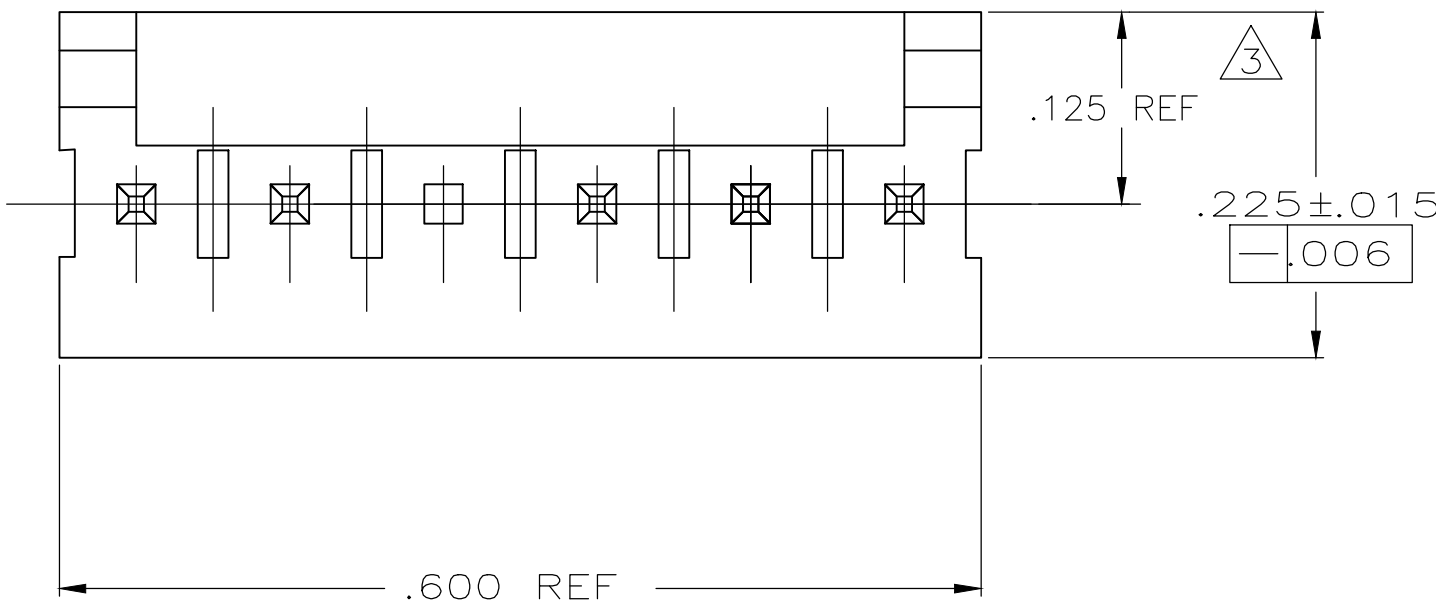
POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11

POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12

DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13

PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

		.600	15.24
.035	0.89	.535	13.59
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.200	5.08
.010	0.25	.140	3.56
.008	0.20	.130	3.30
.006	0.15	.125	3.18
.005	0.13	.100	2.54
.003	0.08	.063	1.60
.001	0.03	.050	1.27
.000	0.00	.040	1.02
IN	MM	IN	MM
CONVERSION TABLE			



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

METRIC

643494-3 SHOWN

OBSOLETE	2,3,5	643494-9
	3,5	643494-8
	5	643494-4
	4	643494-3
	3	643494-2
	2	643494-1
	POST NUMBER OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN L. SMITH 3-30-93

CHK R. SWING 3-30-93

REV R. SPEER 4-15-93

PRODUCT SPEC

APPLICATION SPEC

SIZE A1

CAGE CODE 00779

DRAWING NO 643494

RESTRICTED TO

MATERIAL 7

FINISH 7

WEIGHT

CUSTOMER DRAWING

SCALE 8:1

SHEET 1 OF 1

REV S2

TE Connectivity

NAME MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, 6 POSITION, OMITTED POST