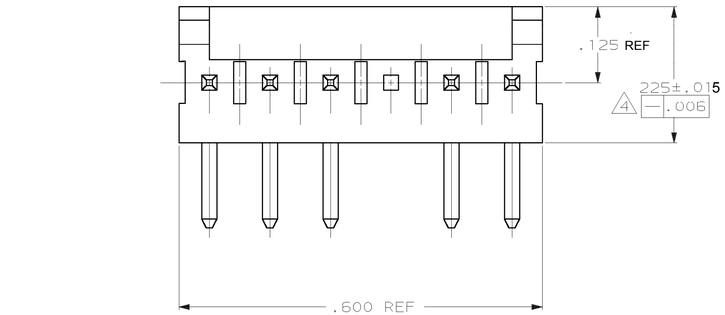
DRAWING MADE IN THIRD ANGLE PROJECTION

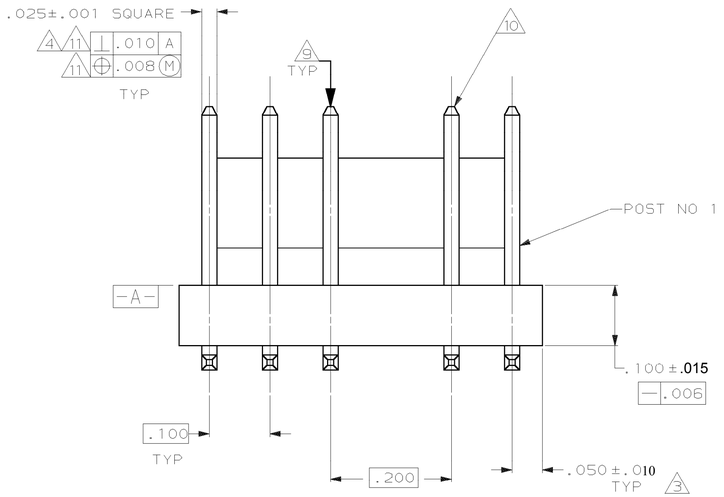
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ,19 .
© COPYRIGHT 19 BY AMP INCORPORATED. ALL INTERNATIONAL RIGHTS RESERVED.

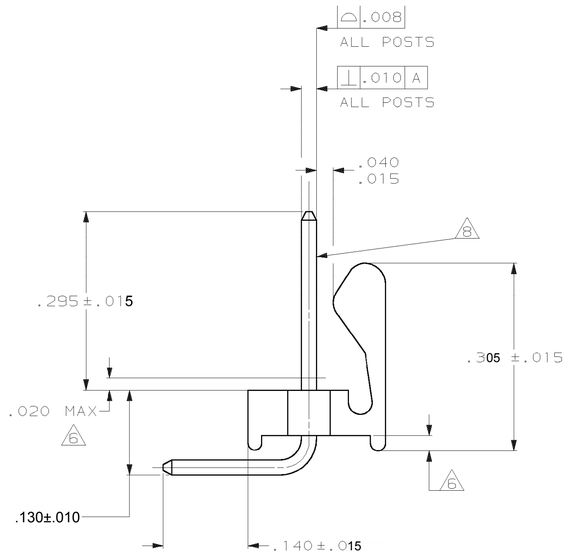
LOC	DIST
CM	54

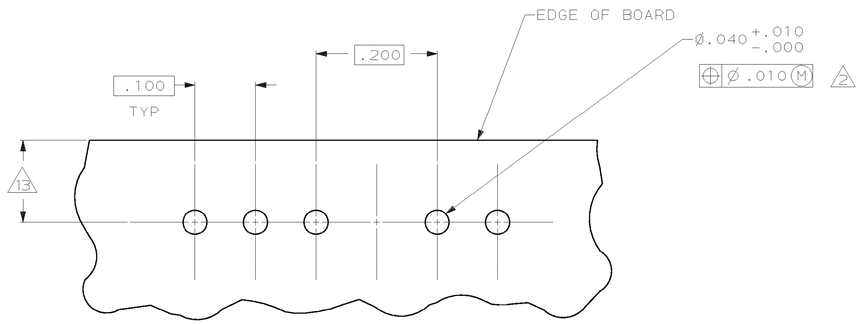
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	DWN	APVD
	W2	REVISED PER ECR-15-014064	07MAR16	NK	NL









RECOMMENDED MOUNTING HOLE PATTERN
FOR .063 THICK P.C. BOARD 12

.050	1.27	–	–
.040	1.02	.600	15.24
.035	0.89	.310	7.87
.032	0.81	.295	7.49
.025	0.64	.225	5.72
.020	0.51	.200	5.08
.015	0.38	.160	4.06
.010	0.25	.140	3.56
.008	0.20	.125	3.18
.006	0.15	.120	3.05
.005	0.13	.110	2.79
.003	0.08	.100	2.54
.001	0.03	.063	1.60
IN	MM	IN	MM
CONVERSION TABLE			

1. MATERIAL: HEADER THERMPLASTIC POLYESTER
   UL94V-0 (NATURAL)
   POST COPPER ALLOY

2. ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.

3. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.

4. MEASURED AT -A-

5. ASSEMBLIES MUST COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.

6. PLASTIC AROUND POST PERMISSIBLE IN THIS AREA ONLY.

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

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

9. POST TO WITHSTAND 3 LBS MIN. AXIAL FORCE IN DIRECTION SHOWN WITHOUT DISLODGING.

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

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

12. SOLDER SIDE OF BOARD SHOWN.

13. DIMENSION SHOULD BE .110-.160 WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR .110-.120 WHEN MATING WITH A CST 100 CONNECTOR.

644679-1 SHOWN

POST NUMBER OMITTED	PART NO
5	644679-2
3	644679-1

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm [INCHES]
TOLERANCES ON :
2 PLC DEC ± –
3 PLC DEC ± .005
ANGLES ± 0°30'

MATERIAL 1

FINISH 1

DR 9-9-92 K. SALMON
CHK 9-9-92 R. SWING
APPD 9-14-92 R. SPEER
APPD 9-14-92 R. SPEER
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	REV
D	00779	C-644679	W2
SCALE 8:1		SHEET 1 OF 1	

CUSTOMER DRAWING