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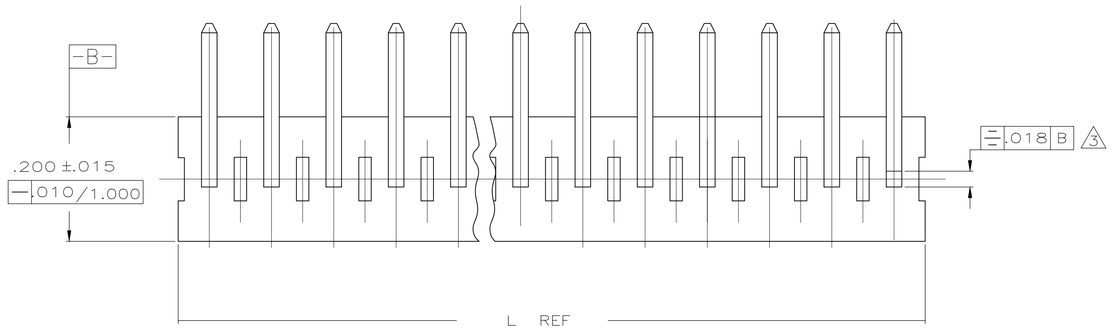
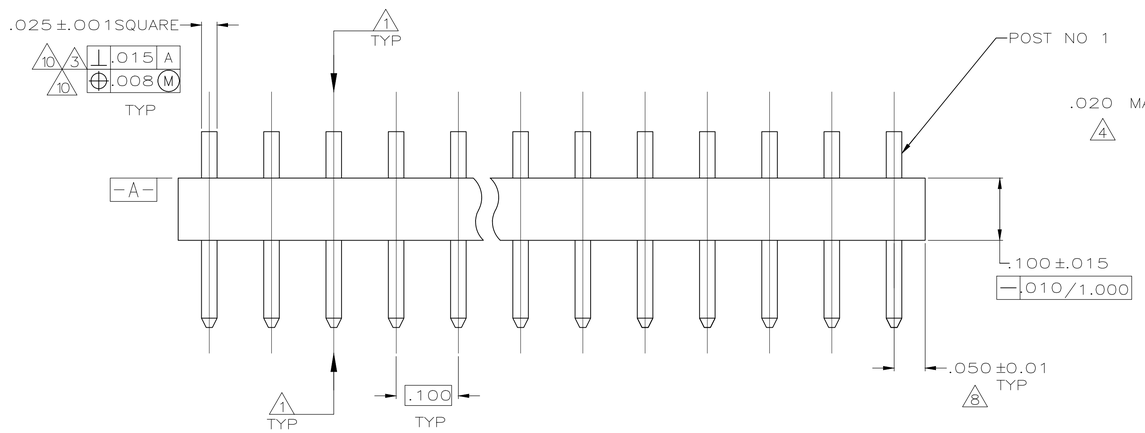
LOC	DIST
CM	54

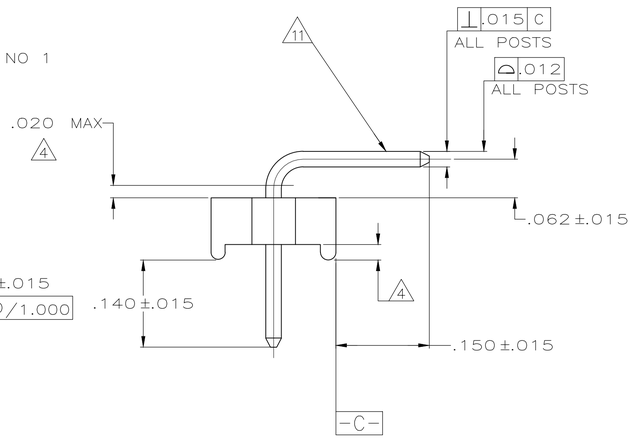
REVISIONS

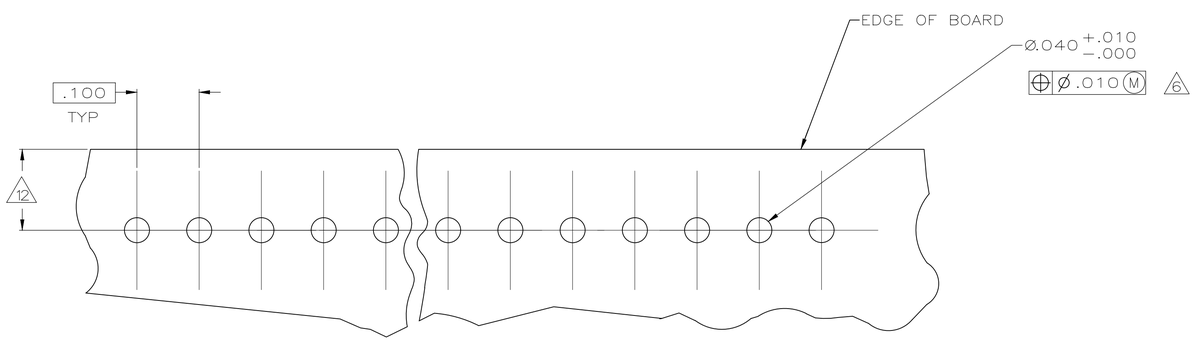
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECO-14-011424	23SEP14	MGM	CO



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-THERMPLASTIC 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 MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE .120-.240 WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR .120 MIN WHEN MATING WITH A CST-100 CONNECTOR.







RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK P.C. BOARD 2

IN	MM	NUMBER OF POSITIONS	PART NUMBER
.300	7.62	3	647053-3

L

IN	MM	IN	MM
.035	0.89	-	-
.032	0.81	-	-
.025	0.64	.240	6.10
.020	0.51	.200	5.08
.018	0.46	.150	3.81
.015	0.38	.140	3.56
.012	0.30	.120	3.05
.010	0.25	.100	2.54
.008	0.20	.063	1.60
.005	0.13	.062	1.57
.001	0.03	.050	1.27
.000	0.00	.040	1.02

CONVERSION TABLE

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± 0° 30'

MATERIAL 7 FINISH 7

DWN T. BECK 9-20-96
CHK D. SWING 9-20-96
APVD C. JONES 9-23-96
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME MTA-100 HEADER ASSEMBLY,PLAIN, .025 SQUARE RIGHT ANGLE POST, TIN-PLATED, SPECIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647053	—

CUSTOMER DRAWING SCALE 8:1 SHEET 1 OF 1 REV A1

4805 (3/11)