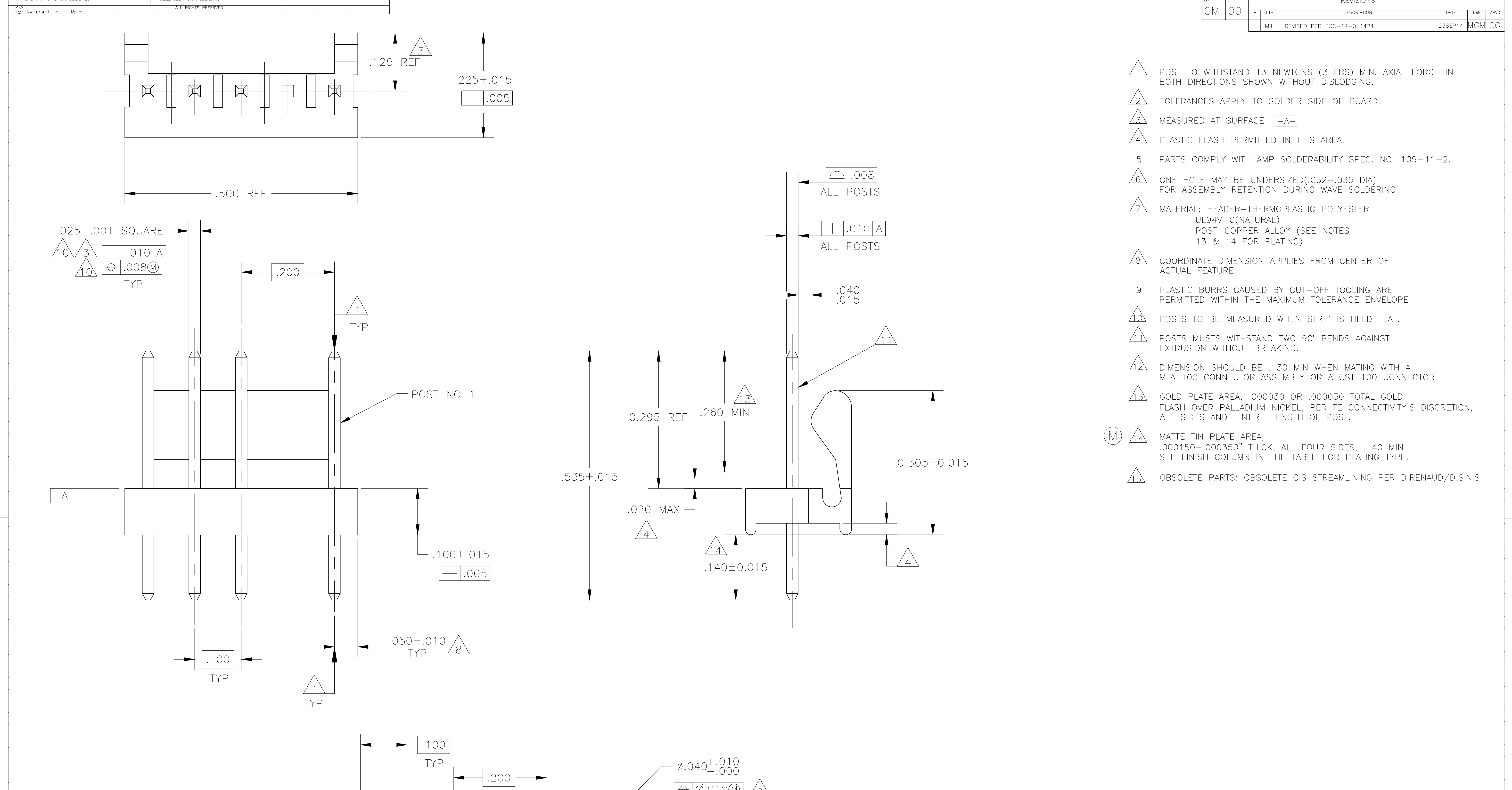




- 1

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
- 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 (SEE NOTES
13 & 14 FOR PLATING)
- 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

GOLD PLATE AREA, .000030 OR .000030 TOTAL GOLD FLASH OVER PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES AND ENTIRE LENGTH OF POST.
- M

14

MATTE TIN PLATE AREA, .000150-.000350" THICK, ALL FOUR SIDES, .140 MIN. SEE FINISH COLUMN IN THE TABLE FOR PLATING TYPE.
- 15

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

643787-3 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

D. VISWESWARA

08JULY2005

CHK

D. BOSSI

08JULY2005

APVD

D. BOSSI

08JULY2005

PRODUCT SPEC

NAME

MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED, 5 POSITION, OMITTED POST

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT

—

A1

00779

643787

—

CUSTOMER DRAWING

SCALE

10:1

SHEET

1

OF

1

REV

M1

CONVERSION TABLE

IN	MM	IN	MM
.040	1.02		
.035	0.89		
.032	0.81	.535	13.59
.025	0.64	.500	12.70
.020	0.51	.310	7.87
.015	0.38	.295	7.49
.010	0.25	.260	6.60
.008	0.20	.225	5.72
.005	0.13	.200	5.08
.001	0.03	.140	3.56
.000350	0.00889	.130	3.30
.000150	0.00381	.125	3.18
.000050	0.00127	.100	2.54
.000030	0.00076	.063	1.60
.000	0.00	.050	1.27

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

1

2

METRIC

Mouser Electronics

Authorized Distributor

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