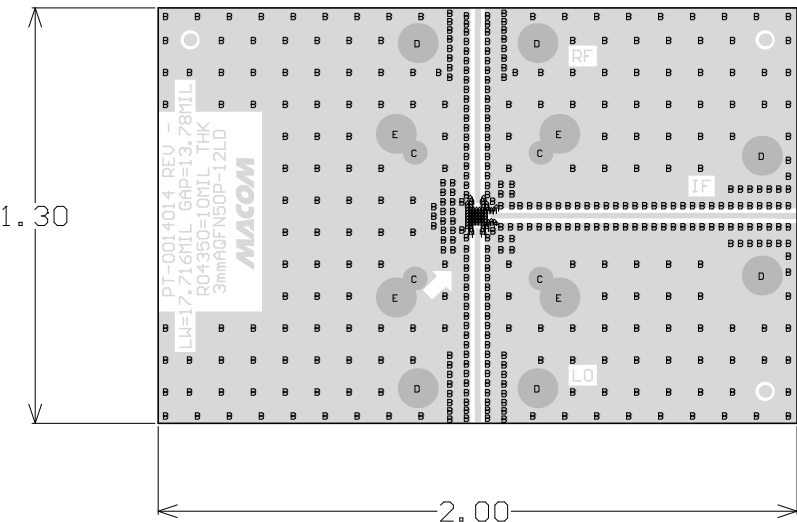


REVISIONS	
REV	DESCRIPTION
-	ORIGINATED PER CO-028363

Symbol	Hit Count	FHS	Tolerance	Plated	Hole Type
A	67	4.00mil	+0mil/-4mil	PTH	Round
B	417	10.00mil	+3mil/-10mil	PTH	Round
C	4	42.00mil	+/-3mil	PTH	Round
D	6	78.00mil	+/-3mil	PTH	Round
E	4	95.00mil	+/-3mil	PTH	Round



- NOTES:
- MATERIAL:
R04350, SEE DETAIL A
STARTING COPPER FOIL ON TOP AND BOTTOM IS TO BE 0.5 OZ.
MATERIAL STACKUP AND THICKNESS PER DETAIL A .
 - FINISH:
EXPOSED METAL SHALL BE PLATED WITH ENIG, 2-8 MICRO-INCHES THICK GOLD OVER
118-236 MICRO-INCHES ELECTROLESS NICKEL PLATE PER IPC-4552. THERE SHALL BE NO PITS,
PIN HOLES OR NODULES WITHIN EXPOSED METAL AREAS.
 - PCB SHALL BE FABRICATED PER IPC-6012 CLASS 2 AND CONFORM TO IPC-A-600 CLASS 2 LATEST REVISIONS.
 - ALL HOLES TO BE PLATED THRU UNLESS OTHERWISE SPECIFIED.
ALL FINISHED DRILL HOLE SIZES APPLY AFTER PLATING.
COPPER PLATING IN THROUGH HOLES WILL BE 0.001 AVERAGE WITH AN
ABSOLUTE MINIMUM OF 0.0007 .
DIMENSIONS SHOWN ARE FOR LOCATION OF 0,0 FOR THE DRILL FILE.
ALL 4 MIL HOLES TO BE PLATED SHUT, PLATED OVER AND PLANARIZED FLAT.
 - ELECTRONIC DATA IS EQUAL TO THE FINISHED LINE WIDTH.
ALL MICROSTRIP LINES ON LAYER 1 ARE CONTROLLED IMPEDANCE. A 17.716 MIL LINE WIDTH
SHALL BE 50 OHMS +/- 8% WITH REFERENCE TO THE GND PLANE WITH A DISTANCE OF 10 MIL
FROM LAYER 2.
 - ALL MATERIALS DESCRIBED IN THIS DOCUMENT/DRAWING SHALL BE IN COMPLIANCE WITH
AND CONTAIN NO SUBSTANCES RESTRICTED OR REQUIRING SPECIAL RECLAMATION UNDER
THE LATEST RoHS, WEEE OR ELV DIRECTIVES.

Board Outline

X	MAMX-011036
NEXT ASSY	USED ON
APPLICATION	

<div>UNLESS OTHERWISE SPECIFIED INTERPRET DRAWING PER ASME Y14.5 DO NOT SCALE THIS DRAWING</div> <div>NOTE: THIS DRW INCORPORATES THIRD ANGLE PROJECTION</div> <div></div> <div>MACOM Technology Solutions, INC. CONFIDENTIAL INFORMATION SUBJECT TO NDA</div> <div>The information contained in this document or material is the valuable and confidential property of MACOM Technology Solutions Holdings, Inc. and/or its subsidiaries or affiliates (collectively "MACOM"), provided to you subject to a non-disclosure agreement between you and MACOM solely for use in supporting MACOM's business as and to the extent MACOM authorizes in writing from time to time. This information shall be held in strictest confidence and shall not be reproduced, published, disclosed to others, or used for any purpose except as and to the extent specifically authorized by MACOM in a separate written agreement. If permission is granted for reproduction, this legend must be included in any and all copies. This document or material shall be promptly returned to MACOM or destroyed upon request, completion of the use for which it was made available to recipient, or termination of MACOM's relationship with recipient, whichever first occurs.</div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		<div>MACOM 100 Chelmsford Street Lowell, MA 01851</div>				
	TOLERANCES ON						
	DECIMALS	ANGLES					
<div>.X ± .1 .XX ± .02 .XXX ± .005 .XXXX ± .0005</div>	± 0.5°	TITLE FABRICATION, SMB 3mmAQFN50P-12LD					
UNLESS OTHERWISE SPECIFIED 63 ALL OVER		MATERIAL SEE NOTE 1	SIZE B	CAGE CODE 55NN2	DRAWING NO. PT-0014014		
FINISH SEE NOTE 3		SCALE: 1:1		WEIGHT /		SHEET 1 OF 1	