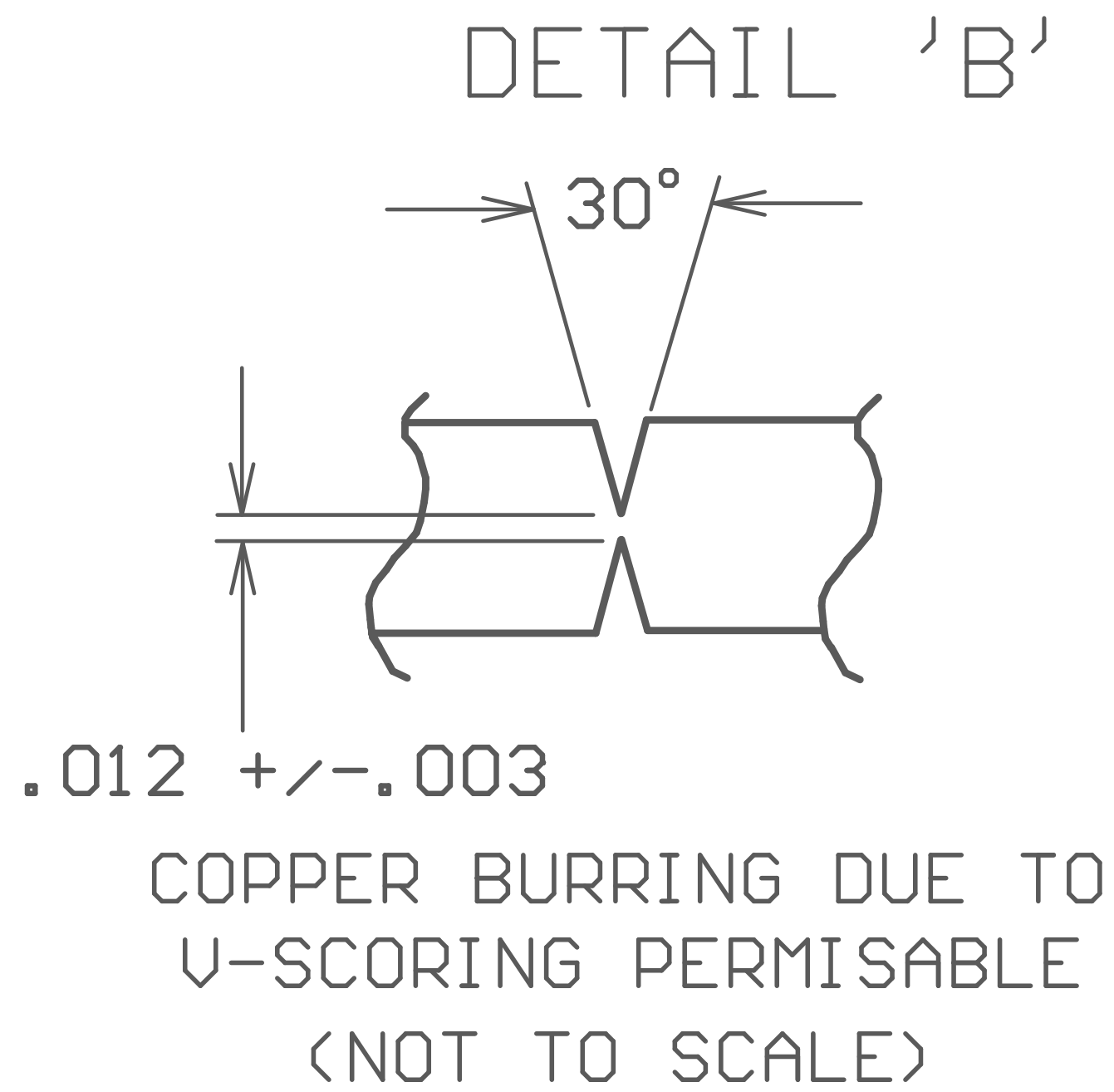
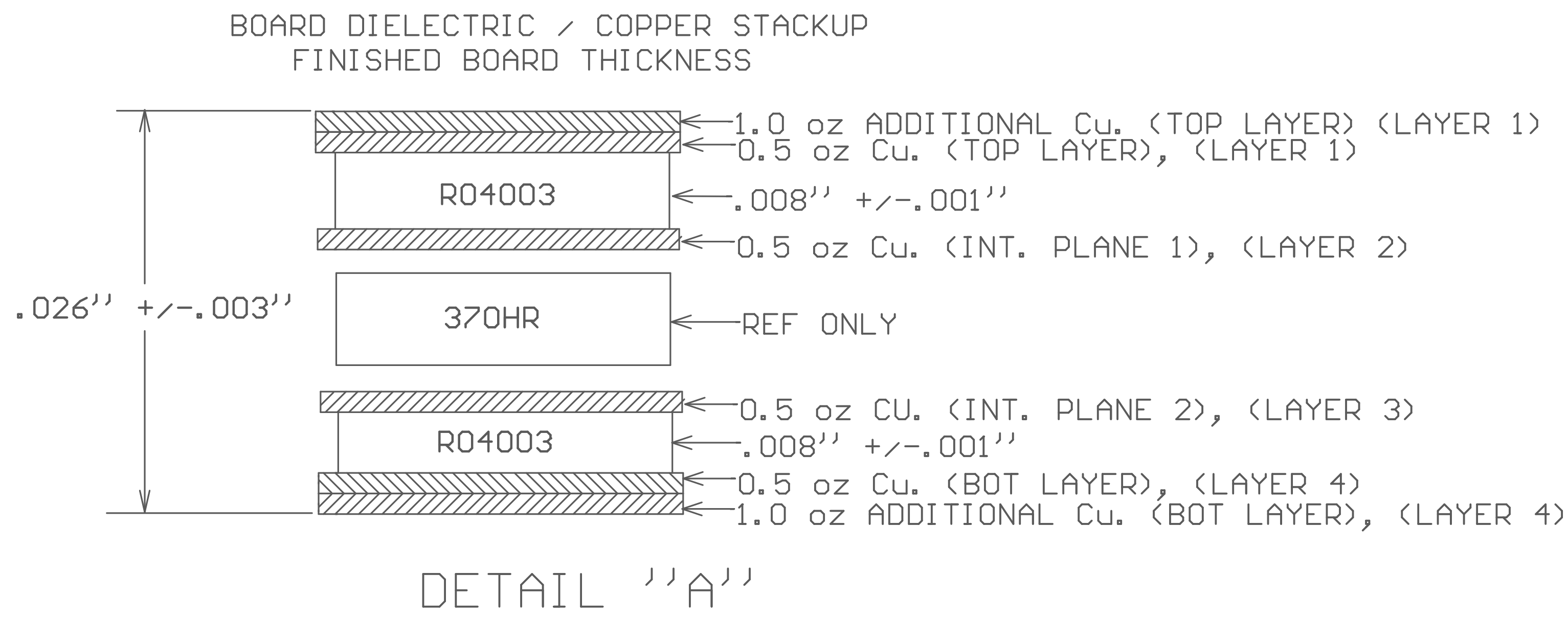


4

3

2

1



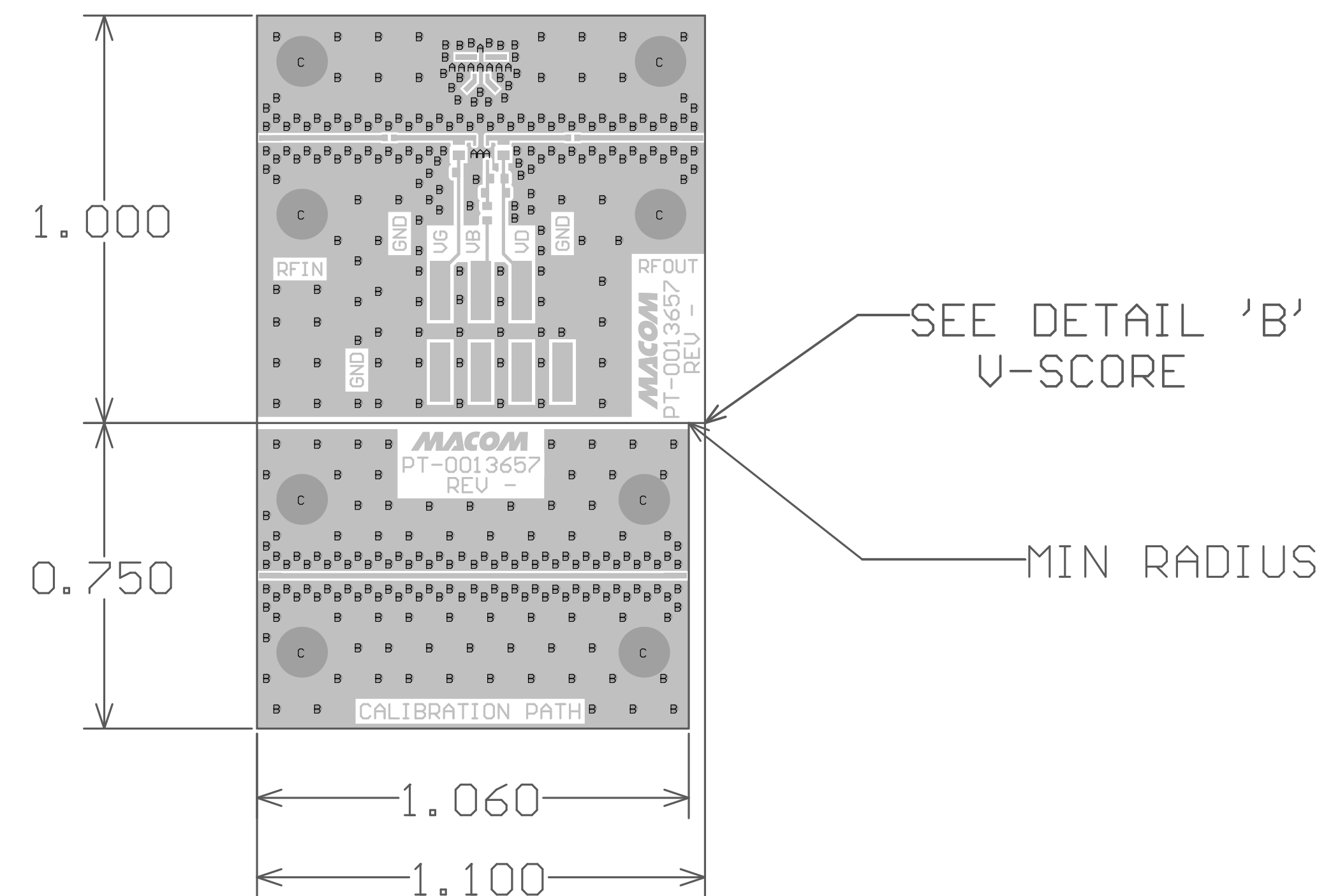
REVISIONS	
REV	DESCRIPTION
-	INITIAL RELEASE PER CO-021446

Symbol	Hit Count	FHS	Tolerance	Plated	Hole Type
A	11	8.00mil	+/- 3mil	PTH	Round
B	339	10.00mil	+/- 3mil	PTH	Round
C	8	78.00mil	+/- 3mil	PTH	Round
	358 Total				



** FILL ALL 8 MIL FHS WITH DUPONT CB100 SILVER EPOXY AFTER COPPER PLATING.
AND CAPPED OVER.

NOTES:

- MATERIAL:
RO4003 NOMINAL DIELECTRIC CONSTANT 3.55 NOMINAL AT 10 GHZ, Tg>280C, DISSIPATION FACTOR =.002".
370HR DIELECTRIC CONSTANT 4.29@1.0 GHZ, Tg = 180C.
COPPER ON TOP AND BOTTOM IS TO BE 1.5 OZ MINIMUM TOTAL THICKNESS WHEN FINISHED.
AND INTERNAL LAYERS PER DETAIL "A"
MATERIAL STACKUP, THICKNESS, AND STARTING COPPER FOIL PER DETAIL "A"
- FINISH:
GOLD PLATE OVER NICKEL.
GOLD: PLATE PER MIL-G-45204C, TYPE III, GRADE A, CLASS 0, 30 MICROINCHES MINIMUM.
NICKEL: SULFAMATE NICKEL PER QQ-N-290, 75 MICROINCHES +/- 10%.
THERE SHALL BE NO PITS, PIN HOLES OR NODULES WITHIN EXPOSED METAL AREAS.
- PCB SHALL CONFORM TO IPC-A-600 CLASS 2.
- ALL HOLES TO BE PLATED THRU UNLESS OTHERWISE SPECIFIED.
ALL FINISHED HOLE SIZES APPLY AFTER PLATING.
COPPER PLATING IN THROUGH HOLES WILL BE .001" MINIMUM AVERAGE WITH AN ABSOLUTE MINIMUM OF .0007".
- ELECTRONIC DATA IS EQUAL TO THE FINISHED LINE WIDTH.LINE WIDTHS ARE +/- .001".
- ALL CO-PLANAR LINES ON LAYER 1 ARE CONTROLLED IMPEDANCE; A .013.5" +/- .001" LINE WIDTH
SHALL BE 50 OHMS +/- 10% WITH REFERENCE TO THE GROUND PLANE AT LAYER 2.
VENDOR TO ADJUST TRACE WIDTH TO MEET 50 OHMS IMPEDANCE.
- GROUND PLANE ON ALL LAYERS MUST EXTEND TO EDGE OF BOARD UNLESS OTHERWISE NOTED.
- SMOBC, SOLDERMASK PER SR1000 OR EQUIV. MASK MATERIAL. COLOR GREEN.
NO SOLDERMASK ON BOTTOM SIDE.
- 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.



BRAND OUTLINE

<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>M/A-COM 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 M/A-COM Technology Solutions Holdings, Inc. and/or its subsidiaries or affiliates (collectively "M/A-COM"), provided to you subject to a non-disclosure agreement between you and M/A-COM solely for use in supporting M/A-COM's business as and to the extent M/A-COM 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 M/A-COM 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 M/A-COM or destroyed upon request, completion of the use for which it was made available to recipient, or termination of M/A-COM's relationship with recipient, whichever first occurs.</div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		<div>MACOM Technology Solutions, Inc. 100 Chelmsford Street Lowell, MA 01851</div> <div></div>			
	TOLERANCES ON					
	DECIMALS	ANGLES				
	.X ± .1 .XX ± .02 .XXX ± .005 .XXXX ± .0005	± 0.5°				
	UNLESS OTHERWISE SPECIFIED 63/ ALL OVER					
MATERIAL	SEE NOTE 1	SIZE	CAGE CODE	DRAWING NO.		
		B	55NN2	PT-0013657		
FINISH	SEE NOTE 2	SCALE:	1:1	WEIGHT	/ SHEET 1 OF 1	

TITLE

FABRICATION, SMB
AMPLIFIER, 1.5X1.2mm-6P

X	MAAM-011026
NEXT ASSY	USED ON
APPLICATION	

4

3

2

1