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DETAIL 'A'
BOARD DIELECTRIC / COPPER STACKUP
FINISHED BOARD THICKNESS



DRILL TABLE

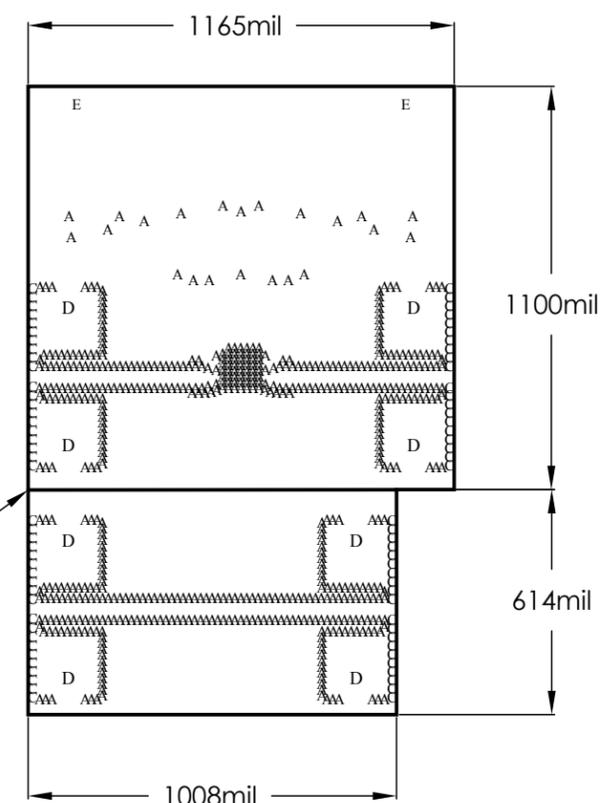
Symbol	Count	FHS	Hole Tolerance	Hole Type	Plated
* A	571	7mil	+/-3mil	Round	Plated
* C	80	12mil	+/-3mil	Round	Plated
E	2	70.1mil	+/-3mil	Round	Non-Plated
D	8	78mil	+/-3mil	Round	Plated
	661 Total				

* ALL 7 AND 12 MIL FHS SHALL BE COPPER FILLED AND PLATED OVER.

NOTES:

- MATERIAL:
 - A. RO4350B DIELECTRIC CONSTANT 3.48 NOMINAL AT 2.5Gz, Tg>280c, DISSIPATION FACTOR =.0037.
 - B. STARTING COPPER FOIL ON ALL LAYERS TO BE 1/2 OZ.
 - C. MATERIAL STACKUP AND THICKNESS PER DETAIL "A".
- FINISH:
 - 8-12 MICRO INCHES IMMERSION GOLD OVER 100-200 MICRO INCHES ELECTROLESS NICKEL OVER COPPER.
- PCB SHALL CONFORM TO IPC-A-600 CLASS 2.
- 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.
- MINIMUM LINE WIDTH AND SPACING SHALL BE +/-1.5 MILS.
- GROUNDING COPLANAR LINES ON LAYER 1 ARE CONTROLLED IMPEDANCE. A 12.6 MIL LINE WIDTH AND 16.5 MIL SPACE SHALL BE 50 OHMS +/- 5% WITH REFERENCE TO GROUND PLANE WITH A DISTANCE OF 6.6 MILS FROM SECONDARY SIDE.
- BOARDS TO BE DIVIDED AND SHIPPED SEPERATELY.
- 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

REVISIONS	
REV	DESCRIPTION
-	INITIAL RELEASE PER CO-024585



SEPERATE BOARDS
SEE NOTE 7



X	MAAD-011034
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED INTERPRET DRAWING PER ASME Y14.5 DO NOT SCALE THIS DRAWING	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	 MACOM 100 Chelmsford Street Lowell, MA 01851		
NOTE: THIS DRW INCORPORATES THIRD ANGLE PROJECTION	TOLERANCES ON	TITLE		
	DECIMALS	Fabrication, SMB		
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	.X ± .1	± 0.5 °	SIZE	DRAWING NO.
	.XX ± .02		B	PT-0018155
	.XXX ± .005		55NN2	
	.XXXX ± .0005	UNLESS OTHERWISE SPECIFIED	SCALE:	WEIGHT / SHEET
	✓ ALL OVER		2:1	1 OF 1
	MATERIAL	SEE NOTE 1		
	FINISH	SEE NOTE 2		

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