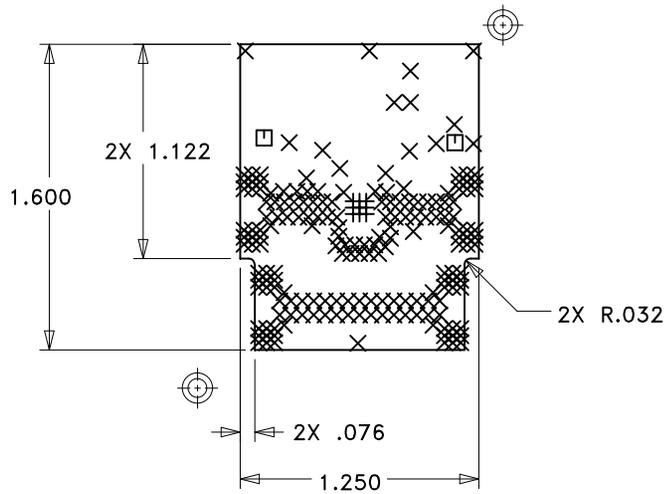


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
2	REVISED & ADD DIGITAL ATTENUATOR CONN	3/31/10	V. LY
3	CORRECTED PINOUT OF J3	12/10/10	DONOVAN



HITTITE MICROWAVE
PCB #114398-3
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	9	+	YES	+/-3
14	185	X	YES	+/-3
43	2	□	YES	+/-3

LAYER	DESCRIPTION
1	RF/GND PLANE
2	GND PLANE
3	GND PLANE
4	BOTTOM GND PLANE

NOTES:
UNLESS OTHERWISE SPECIFIED:

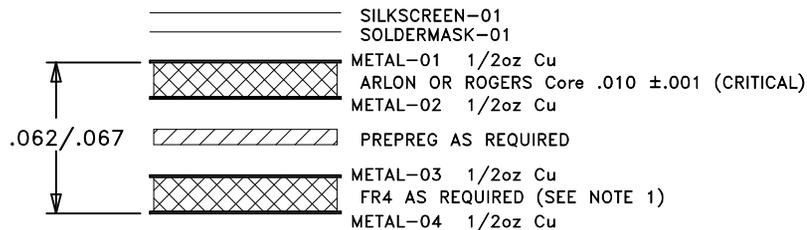
- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350 OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES, FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ±.003 MAX.
- BOARD WARPAGE: <.010" PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012, CLASS 2.

SPECIAL REQUIREMENTS:

- METAL-01 CRITICAL LINE WIDTH = .016 ±.001 ADJUST PROCESS TO ACHIEVE WIDTH.

VENDOR NOTES:

- VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
- BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600, CLASS 2.



LAYER STACKUP

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES [mm]	
DRAWING PRACTICES PER ASME Y14.100	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	
TOLERANCES:	
.XX	± .01
.XXX	± .005
.XXXX	± .0020
ANGLES	± .5 DEG.

	XXXXXX
NEXT ASSY	USED ON

DRAWN BY V. LY	DATE DRN 3/24/10
CHECKED BY	
ENGINEER	
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE
**PCB, EVAL
HMC542LP4E**

SIZE A	CODE ID NO. 1CN88	DWG NO. 114398	REV 3
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SCALE: 1:1 WT: SHEET: 1 OF 1