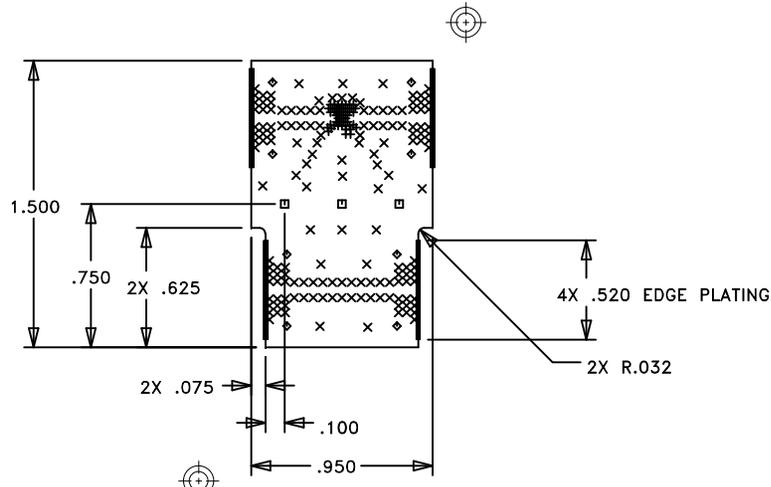


DO NOT SCALE PRINT

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	06/01/09	V. LY



HITTITE MICROWAVE
PCB #126357-1
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	48	+	YES	+/-3
14	155	X	YES	+/-3
43	3	□	YES	+/-3
78	8	◇	YES	+/-3

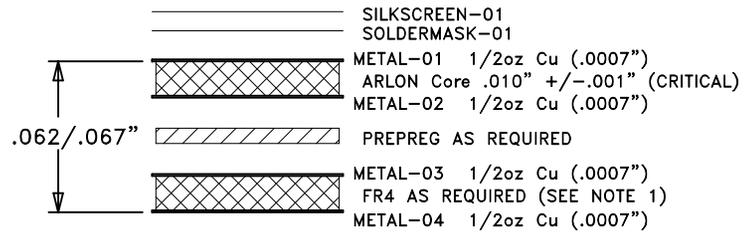
LAYER	DESCRIPTION
1	RF/GND PLANE
2	GND PLANE
3	GND PLANE
4	BOTTOM GND PLANE

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 TOPSIDE ONLY WITH WHITE EPOXY INK.
- PLATING THICKNESS .002"±.0005 FOR METAL-01 AND METAL-04.
- SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
- REMOVE METAL BURRS FROM EDGE OF PCB AFTER PANEL SEPARATION.
- ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-600 CLASS 2.

SPECIAL REQUIREMENTS:

- METAL-01 CRITICAL LINE WIDTH = .018 ±.001" ADJUST PROCESS TO ACHIEVE WIDTH.
- EDGE PLATING MUST CONNECT ALL FOUR METAL LAYERS.
- ALL .010" SIZE VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.



LAYER STACKUP

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES (MM)	DWN BY: V. LY 06/01/2009
DRAWING PRACTICES PER MIL-STD-100	ENGINEER: J. SCORSE 06/02/2009
TOLERANCES:	
.XX +/- 0.010	
.XXX +/- 0.005	
.XXXX +/- 0.002	
ANGLES +/- .5 DEG	

DWN BY: V. LY 06/01/2009
ENGINEER: J. SCORSE 06/02/2009

HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824			
TITLE PCB, EVAL, HMC772LC4			
SIZE A	CODE ID NO. 1CN88	DRAWING NO. 126357	REV 1
SCALE:		WT	SHEET 1 of 1