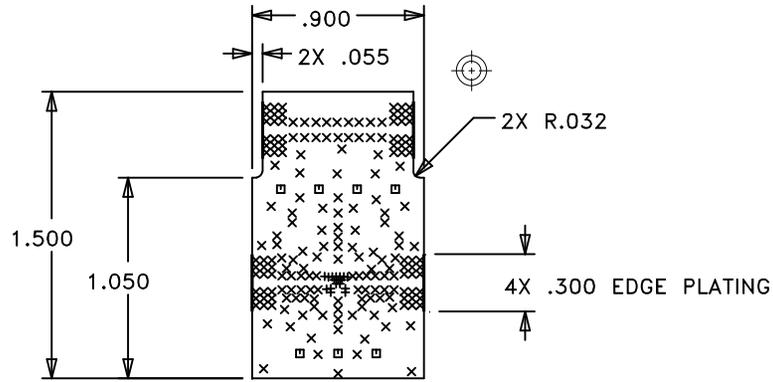


DO NOT SCALE PRINT

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	11/19/09	V. LY



HITTITE MICROWAVE  
PCB #128395-1  
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	17	+	YES	FILLED
14	188	X	YES	+/-3
43	7	□	YES	+/-3

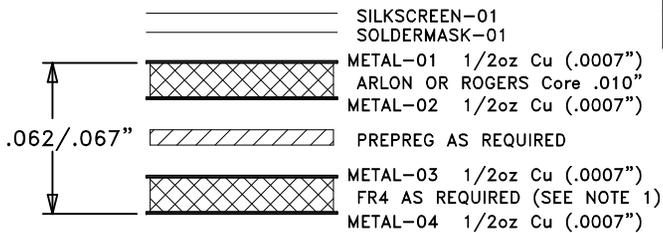
LAYER	DESCRIPTION
1	RF/GND PLANE
2	GND PLANE
3	GND PLANE
4	BOTTOM GND PLANE

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 = .016 ±.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

±.001" (CRITICAL)

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES (MM)	
DRAWING PRACTICES PER MIL-STD-100	
TOLERANCES:	
.XX	+/- 0.010
.XXX	+/- 0.005
.XXXX	+/- 0.002
ANGLES	+/- .5 DEG

DWN BY:	V. LY	11/18/2009
ENGINEER:	V. CANNISTRANO 11/18/09	



HITTITE MICROWAVE CORPORATION  
20 Alpha Road Chelmsford, MA 01824

TITLE  
PCB, EVAL, HMC5534ALP3E/LP3E,  
HMC5505ALC3/ALP3CE/LC3/LP3CE

SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	128395	1

SCALE: WT SHEET 1 of 1