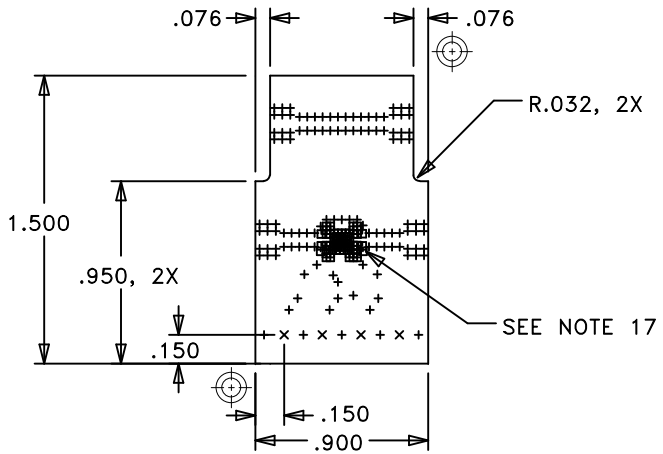
DO NOT SCALE PRINT

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	08/05/08	M.LYONS
	2	CORRECTED U1 PIN OUT, C8-C9 POLARITY	11/03/08	M.LYONS



HITTITE MICROWAVE
PCB #122824-2
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	63	□	YES	FILLED
14	117	+	YES	+/-3
43	4	X	YES	+/-3

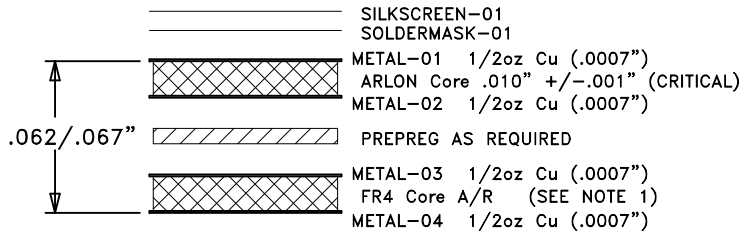
LAYER	DESCRIPTION
1	RF & GND PLANE
2	GND PLANE
3	GND PLANE
4	BOTTOM GND PLANE

NOTES:
UNLESS OTHERWISE SPECIFIED

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR, OR ROGERS 4350, HALF OUNCE COPPER BOTH SIDES, TOPSIDE ONLY. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINUMUM.
3. PLATED THRU HOLES: .001" MINIMUM WALL THICKNESS.
4. HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
5. ALL HOLES TO BE LOCATED WITHIN ±.003" OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ±.003" MAX.
7. BOARD WARPAGE: .010" PER LINEAR INCH MAX.
8. SILKSCREEN TOPSIDE ONLY WITH WHITE EPOXY INK.
9. TOLERANCE ON PCB ROUTE IS ±.005".
10. PLATING THICKNESS .002"±.0005 FOR METAL-01 AND METAL-04.
11. SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
12. REMOVE METAL BURRS FROM EDGE OF PCB AFTER PANEL SEPERATION.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.
14. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
15. MANUFACTURE PER IPC-600 CLASS II

SPECIAL REQUIREMENTS:

16. CRITICAL LINE WIDTH = .016" +/-.001" ADJUST PROCESS TO ACHIEVE WIDTH.
17. ALL .010" SIZE VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.



LAYER STACKUP

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: MARTIN LYONS
ENGINEER: VINCENT CANNISTRARO

HITTITE MICROWAVE CORPORATION
20 Alpha Road Chelmsford, MA 01824

TITLE
PCB, EVAL,
HMC4788LP4HE

SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	122824	2

SCALE:	WT	SHEET 1 of 1

122824.pcb - Mon Nov 03 10:14:08 2008