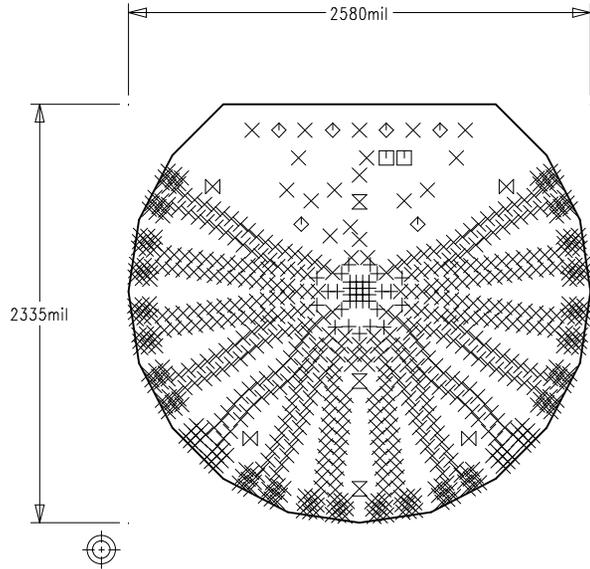


DO NOT SCALE PRINT



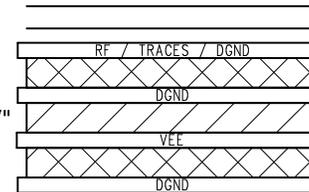
HITTITE MICROWAVE
PCB #126966-3
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	35	+	YES	+/- 3
14	666	X	YES	+/- 3
35	2	□	YES	+/- 3
43	6	◇	YES	+/- 3
93	3	⊗	YES	+/- 3
130	4	⊗	NO	+/- 3

LAYER STACKUP:

(FOR REFERENCE ONLY,
SEE NOTE #1)

0.062"-0.067"



SILKSCREEN-01
SOLDERMASK-01
METAL-01 1/2oz Cu
.010" +/- .001 ARLON 25FR
METAL-02 1/2oz Cu
PREPREG AS REQUIRED
METAL-03 1/2oz Cu
.028" FR4
METAL-04 1/2oz Cu

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR, HALF OUNCE COPPER BOTH SIDES. 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 MINIMUM.
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 TOP SIDE ONLY WITH WHITE EPOXY INK.
9. TOLERANCE ON PCB ROUTE IS ±.005".
10. TOTAL PLATING THICKNESS .002"±.0005 FOR METAL-01 AND METAL-04.
11. SOLDERMASK: LPI SOLDERMASK TOP SIDE ONLY. COLOR: GREEN REGISTRATION: ±.004 MAX. *** APPLY SOLDERMASK AS DESIGNED. ANY ALTERATIONS OF SOLDERMASK MUST FIRST BE APPROVED BY HITTITE MICROWAVE.
12. REMOVE METAL BURRS FROM EDGE OF PCB AFTER PANEL SEPARATION.
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-6012 CLASS 2.
16. CRITICAL LINE WIDTH = .016" +/- .001" ADJUST PROCESS TO ACHIEVE WIDTH.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:		DWN BY:
DIMENSIONS ARE IN INCHES (MM)		J. Norvell 08/20/09
DRAWING PRACTICES PER MIL-STD-100		ENGINEER:
TOLERANCES:		M. Harrell
.XX	+/- 0.010	
.XXX	+/- 0.005	
.XXXX	+/- 0.002	
ANGLES	+/- .5 DEG	

 HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824			
SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	126966	3
SCALE:		WT	SHEET 1 of 1