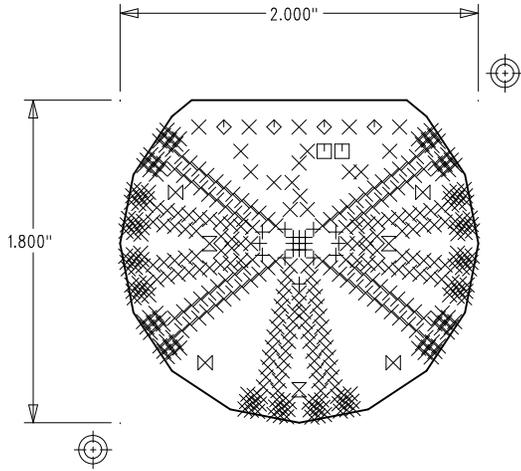


DO NOT SCALE PRINT



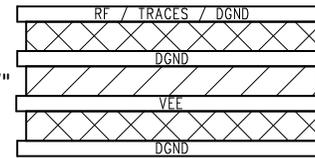
HITTITE MICROWAVE
PCB #126570-5
DRILL DRAWING

ZONE		REVISION		DATE	APPROVED
ZONE	LTR	DESCRIPTION			
1		INITIAL RELEASE		10/21/09	MH
4		SHRUNK BOARD FROM 3.75" TO 2.00"		10/12/10	A. RAE
4		DIE-SOCKET WAS OFF CENTER BY .005"		10/15/10	A. RAE

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, 1/2 OZ 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 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 SOLDER MASK TOP SIDE. 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.

SIZE	QTY	SYM	PLATED	TOL
10	20	+	YES	+/- 3
14	399	×	YES	+/- 3
35	2	□	YES	+/- 3
43	4	◇	YES	+/- 3
93	3	⊗	YES	+/- 3
130	4	⊗	NO	+/- 3

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	DWN BY:	 HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824			
DIMENSIONS ARE IN INCHES (MM)	J. Norvell 05/14/10				
DRAWING PRACTICES PER MIL-STD-100	ENGINEER:	TITLE PCB, EVAL VARIOUS, LC4			
TOLERANCES:	A. Rael				
.XX +/- 0.010		SIZE	CODE ID NO.	DRAWING NO.	REV
.XXX +/- 0.005		A	1CN88	126570	5
.XXXX +/- 0.002		SCALE:	WT	SHEET 1 of 1	
ANGLES +/- .5 DEG					