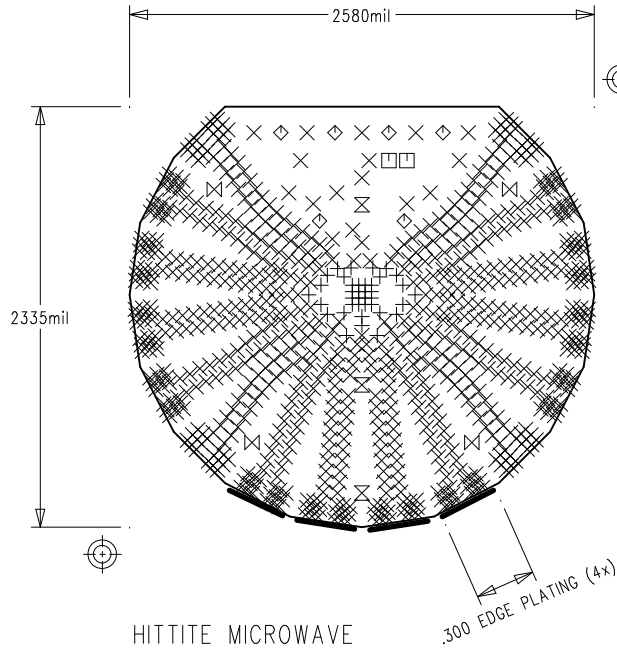


DO NOT SCALE PRINT



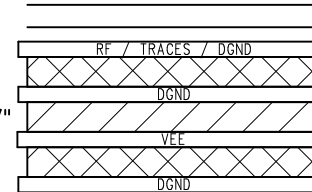
HITTITE MICROWAVE  
PCB #126576-5  
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	38	+	YES	+/-
14	762	X	YES	+/-
35	2	□	YES	+/-0.0
43	6	◇	YES	+/-
93	3	⊗	YES	+/-
130	4	⊗	NO	+/-

### 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  $\pm 0.003$ " OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION  $\pm 0.003$ " MAX.
7. BOARD WARPAGE: .010" PER LINEAR INCH MAX.
8. SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
9. TOLERANCE ON PCB ROUTE IS  $\pm 0.005$ ".
10. TOTAL PLATING THICKNESS  $.002 \pm 0.0005$  FOR METAL-01 AND METAL-04.
11. SOLDERMASK: LPI SOLDERMASK TOP SIDE ONLY. COLOR: GREEN REGISTRATION:  $\pm 0.004$  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 =  $.016 \pm 0.001$ " ADJUST PROCESS TO ACHIEVE WIDTH.
17. .300 EDGE PLATING MUST CONNECT LAYERS ALL LAYERS AT J7, J8, J9, J10.

### 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:  
J. Norvell 08/20/09  
ENGINEER:  
M. Harrell



HITTITE MICROWAVE CORPORATION  
20 Alpha Road Chelmsford, MA 01824

TITLE  
PCB, EVAL  
VARIOUS, LC5

SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	126576	5
SCALE:		WT	SHEET 1 of 1