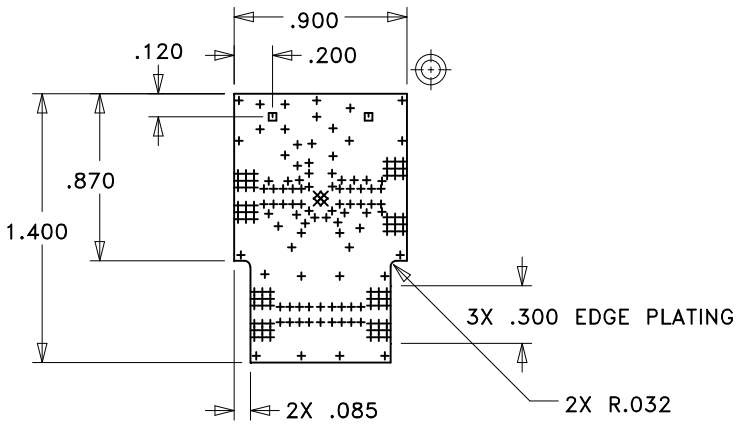
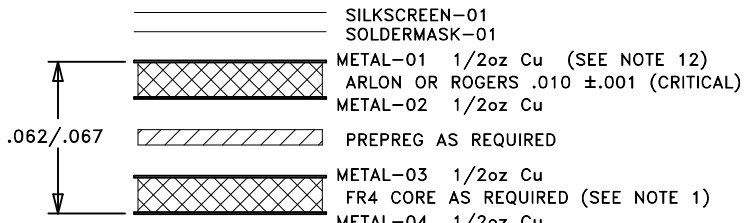
REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	09/13/10	V. LY



HITTITE MICROWAVE
PCB #600-00008-00-1
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	5	X	YES	+/-3
14	167	+	YES	+/-3
63	2	⊡	YES	+/-3



LAYER STACKUP

NOTES:
UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350, 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.
8. SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
10. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
11. MANUFACTURE PER IPC-6012 CLASS 2.

SPECIAL REQUIREMENTS:

12. CRITICAL LINE WIDTH = .016 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
13. EDGE PLATING MUST CONNECT ALL FOUR LAYERS.

VENDOR NOTES:

14. VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
15. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	DRAWN BY: V. LY	DATE DRN: 09/10/10
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY:	
DRAWING PRACTICES PER ASME Y14.100	ENGINEER: S. KILINC	09/11/10
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	THIRD ANGLE PROJECTION	
TOLERANCES: .XX ± .01; .XXX ± .005; .XXXX ± .0020; ANGLES ± .5 DEG.	DO NOT SCALE DRAWING	

NEXT ASSY	USED ON
	XXXXXX

HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE
PCB, EVAL
HMC948LP3E

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00008-00	1

SCALE: 1:1	WT:	SHEET: 1 OF 1