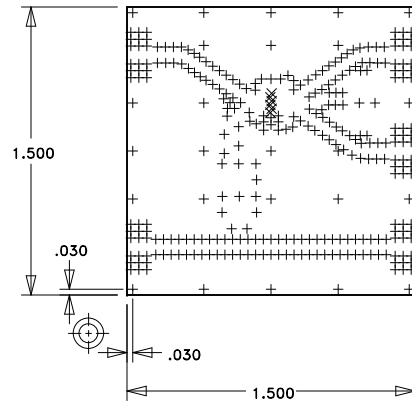


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
2	REMOVED CAP-RES-CONN OFF RFC PATH	11/19/10	M.LYONS
3	UPREV TO CORRECT MISMATCH AT FAB HSE.	11/23/10	G. HARRINGTON



HITTITE MICROWAVE
PCB #115267-3
DRILL DRAWING

	SILKSCREEN-01
	SOLDERMASK-01
	METAL-01 1/2 oz Cu (SEE NOTE 12)
	CORE .010 ±.001 RO4350 OR ARLON 25FR (CRITICAL)
	METAL-02 1/2 oz Cu

STACKUP

SIZE	QTY	SYM	PLATED	TOL
10	6	✕	YES	+/-3
14	308	+	YES	+/-3

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

NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ROGERS 4350 OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES.
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.

VENDOR NOTES:

13. 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.
14. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE			
PCB, EVAL HMC946LP2			
SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	115267	3
SCALE: 1:1		WT:	SHEET: 1 OF 1

NEXT ASSY	USED ON
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