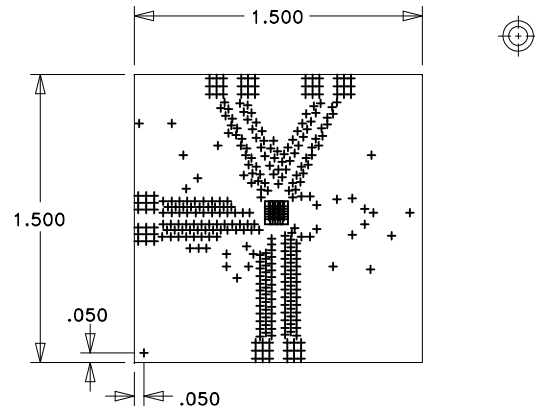


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	6/11/12	G. HARRINGTON
2	CHANGED J3, J4	9/12/12	G. HARRINGTON



HITTITE MICROWAVE
PCB #600-00502-00-2
FABRICATION

SIZE	QTY	SYM	PLATED	TOL
10	16	□	YES	+/-3
14	334	+	YES	+/-3

—	SILKSCREEN-01
—	SOLDERMASK-01
—	METAL-01 1/2 oz Cu (SEE NOTE 14)
—	CORE .0066 ±.0007 RO4350 (CRITICAL)
—	METAL-02 1/2 oz Cu

STACKUP

UNLESS OTHERWISE SPECIFIED:		DRAWN BY	DATE DRN
DIMENSIONS ARE IN INCHES [mm]		G. HARRINGTON	6/11/12
DRAWING PRACTICES PER ASME Y14.100		CHECKED BY	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		ENGINEER	
TOLERANCES:		K. BENSON	
.XX	± .01	THIRD ANGLE PROJECTION	
.XXX	± .005		
.XXXX	± .0020	DO NOT SCALE DRAWING	
ANGLES	± .5 DEG.		

NEXT ASSY	USED ON
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NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ROGERS 4350B, 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.
12. PLATING THICKNESS .002 ±.0005 FOR METAL-01 AND METAL-02.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = .0115 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.

VENDOR NOTES:

15. 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.
16. 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

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00502-00	2
SCALE: 1:1		WT:	SHEET: 1 OF 1