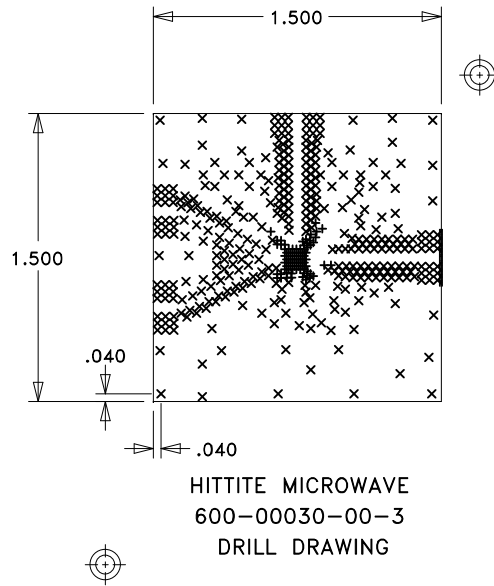


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
2	REVISED PER QC120560	05/10/10	V. LY
3	REVISED PER QC121002	08/23/12	V. LY




SIZE	QTY	SYM	PLATED	TOL
10	79	+	YES	+/-3
14	381	X	YES	+/-3

SILKSCREEN-01
SOLDERMASK-01
METAL-01 1/2 oz Cu
CORE .0066 ±.0007 RO4350B (CRITICAL)
METAL-02 1/2 oz Cu

## STACKUP

UNLESS OTHERWISE SPECIFIED:	DRAWN BY V. LY	DATE DRN 11/02/10
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY	
DRAWING PRACTICES PER ASME Y14.100	ENGINEER V. CANNISTRARO	11/02/10
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	THIRD ANGLE PROJECTION	
TOLERANCES:	DO NOT SCALE DRAWING	
.XX ± .01		
.XXX ± .005		
.XXXX ± .0020		
ANGLES ± .5 DEG.		

PROPRIETARY TO HITTITE MICROWAVE CORPORATION			
 <b>HITTITE MICROWAVE CORPORATION</b> 20 Alpha Road Chelmsford, MA 01824			
TITLE <b>PCB, EVAL</b>			
SIZE <b>A</b>	CODE ID NO. <b>1CN88</b>	DWG NO. <b>600-00030-00</b>	REV <b>3</b>
SCALE: 1:1		WT:	SHEET: 1 OF 1

## NOTES:

### UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: DOUBLE SIDED. OVERALL STACKUP AS SHOWN. 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.  
CRITICAL LINE WIDTH = .013 ±.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.