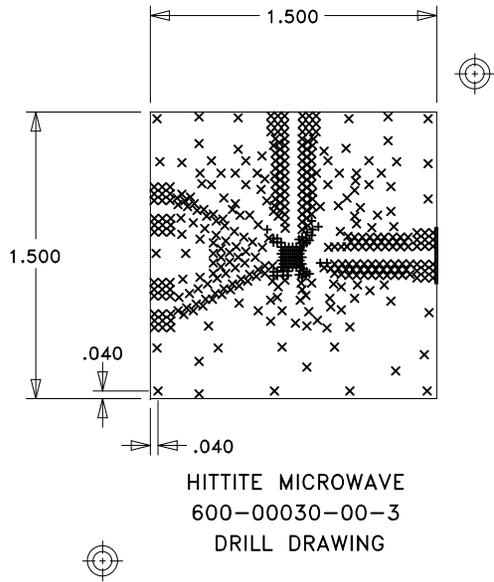


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
2	REVISED PER QC120560	05/10/10	V. LY
3	REVISED PER QC121002	08/23/12	V. LY



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

NEXT ASSY	USED ON
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UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES [mm]	
DRAWING PRACTICES PER ASME Y14.100	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	
TOLERANCES:	
.XX	± .01
.XXX	± .005
.XXXX	± .0020
ANGLES	± .5 DEG.

DRAWN BY V. LY	DATE DRN 11/02/10
CHECKED BY	
ENGINEER V. CANNISTRARO	11/02/10
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE
PCB, EVAL

SIZE A	CODE ID NO. 1CN88	DWG NO. 600-00030-00	REV 3
SCALE: 1:1		WT:	SHEET: 1 OF 1

NOTES:
UNLESS OTHERWISE SPECIFIED:

- MATERIAL: DOUBLE SIDED. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ±.003 MAX.
- BOARD WARPAGE: <.010 PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.
- PLATING THICKNESS .002 ±.0005 FOR METAL-01 AND METAL-02.
- ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

- 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:

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