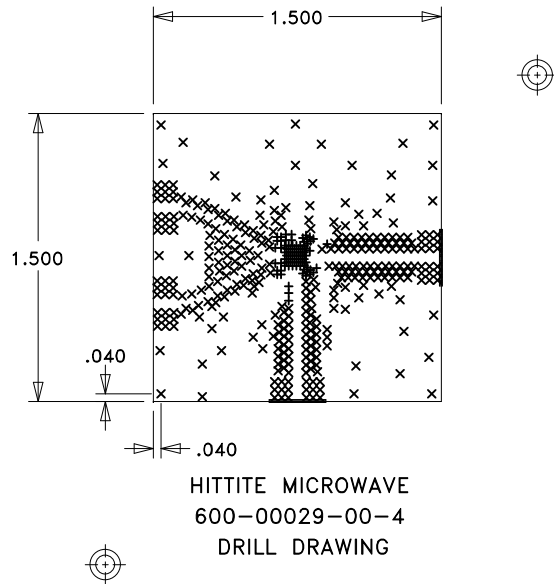


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
3	REVISED PER QC120557	05/09/12	V. LY
4	REVISED PER QC120996	08/23/12	V. LY



SIZE	QTY	SYM	PLATED	TOL
10	80	+	YES	+/-3
14	350	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
-----------	---------

UNLESS OTHERWISE SPECIFIED:	DRAWN BY V. LY	DATE DRN 10/29/10
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY	
DRAWING PRACTICES PER ASME Y14.100	ENGINEER V. CANNISTRARO	11/01/10
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.		

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.

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. 600-00029-00	REV 4
SCALE: 1:1		WT:	SHEET: 1 OF 1