

4

3

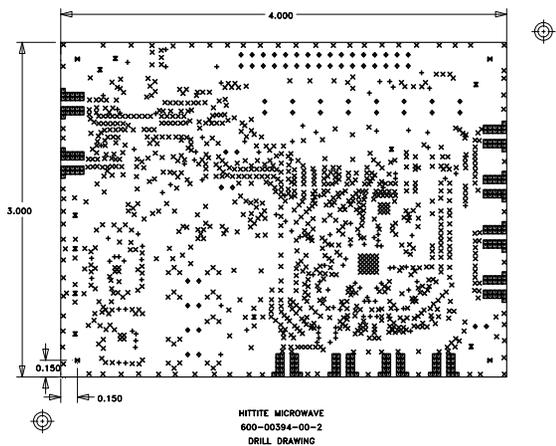
2

1

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	02/15/12	V.VADUVA
	2	ENGINEERING CHANGE	09/17/12	D. ACEVAL

D

D



C

C

B

B

SIZE	QTY	SYW	PLATED	THR/PRTL	TOL
10	1051	✕	YES	THR	+/-3
10	114	+	YES	P1-3	+/-3
14	220	□	YES	THR	+/-3
40	62	◇	YES	THR	+/-3
6.3	10	⊗	YES	THR	+/-3
125	4	⊗	YES	THR	+/-3

NOTES:

UNLESS OTHERWISE SPECIFIED:

- MATERIAL: MULTILAYER, OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICRONS, OVER NICKEL PER QQ-N-590, 100 MICRONS 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 AND BOTTOM SIDE WITH WHITE EPOXY INK.
- SOLDERMASK: LP1 SOLDERMASK TOP SIDE AND BOTTOM 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-04.
- ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

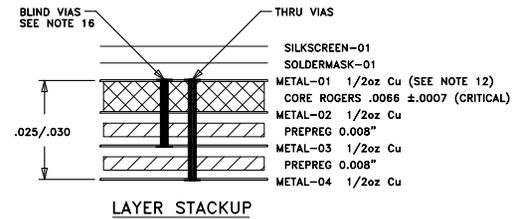
- CRITICAL LINE WIDTH = .0115 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
- ALL .010 VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.
- BLIND VIAS: METAL LAYERS 1 - 3 PER DRILL FILE.

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.

A

A



NEXT ASSY      USED ON

UNLESS OTHERWISE SPECIFIED:	DRAWN BY V.VADUVA	DATE DRN 02/13/12
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY G.HARRINGTON ENGINEER	02/13/12
DRAWING PRACTICES PER ASME Y14.100	ENGINEER	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	B.TOOLE	02/13/12
TOLERANCES: .XX ± .01 .XXX ± .005 .XXXX ± .0020 ANGLES ± .5 DEG.	THIRD ANGLE PROJECTION	
	DO NOT SCALE DRAWING	

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

HITTITE MICROWAVE CORPORATION  
20 Alpha Road  
Chelmsford, MA 01824

TITLE  
**PCB, CUSTOMER EVAL**

SIZE <b>B</b>	CODE ID NO. <b>1CN88</b>	DWG NO. <b>600-00394-00</b>	REV <b>2</b>
------------------	-----------------------------	--------------------------------	-----------------

SCALE: 1:1      WT:      SHEET: 1 OF 1

4

3

2

1