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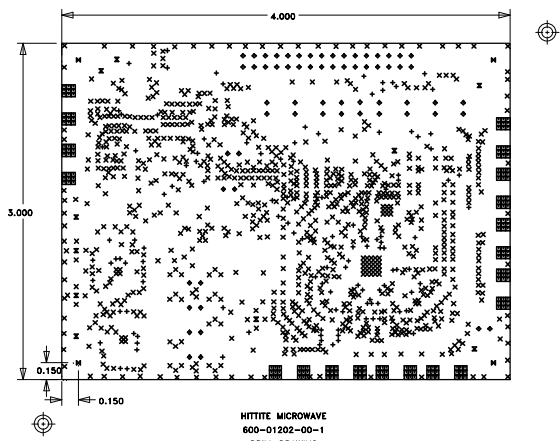
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REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	07/02/14	D. ACEVAL

D

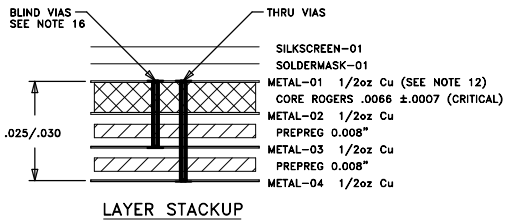


C

B

SIZE	QTY	SYW	PLATED	THR/PRTL	TOL
10	1055	X	YES	THR	+/-3
10	119	+	YES	P1-3	+/-3
14	180	□	YES	THR	+/-3
40	64	◇	YES	THR	+/-3
6.3	10	⊗	YES	THR	+/-3
125	4	⊗	YES	THR	+/-3

A



LAYER STACKUP

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-596, 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.

NEXT ASSY USED ON

UNLESS OTHERWISE SPECIFIED:	DRAWN BY V. VADUVA	DATE DRN 11/03/12
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY	02/13/12
DRAWING PRACTICES PER ASME Y14.100	ENGINEER J. CHENG	11/03/12
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	THIRD ANGLE PROJECTION	
TOLERANCES: .XX ± .01 .XXX ± .005 .XXXX ± .0020 ANGLES ± .5 DEG.	DO NOT SCALE DRAWING	

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE PCB, CUSTOMER EVAL

SIZE	CODE ID NO.	DWG NO.	REV
B	1CN88	600-01202-00	1

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

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