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DO NOT SCALE PRINT

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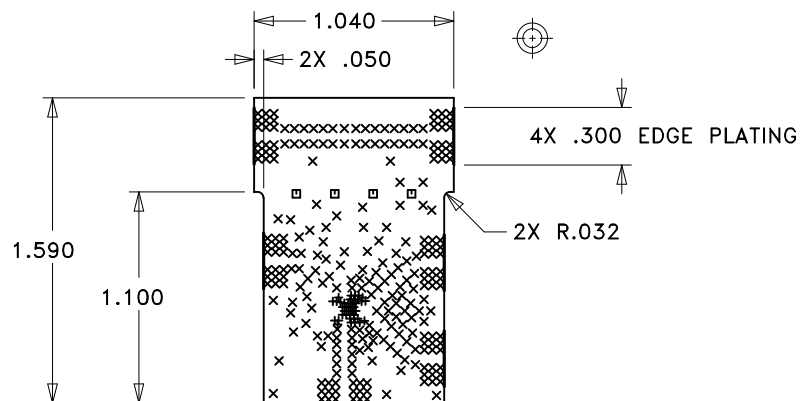
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REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	8/09/10	V. LY

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HITTITE MICROWAVE
PCB #131653-1
DRILL DRAWING



SIZE	QTY	SYM	PLATED	TOL
10	39	+	YES	FILLED
14	255	×	YES	+/-3
63	4	□	YES	+/-3

LAYER	DESCRIPTION
1	RF/GND PLANE
2	GND PLANE
3	GND PLANE
4	BOTTOM GND PLANE

NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
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 $\pm .003$ OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION $\pm .003$ 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: $\pm .004$ MAX.
10. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
11. MANUFACTURE PER IPC-6012 CLASS 2.

SPECIAL REQUIREMENTS:

12. CRITICAL LINE WIDTH = $.016 \pm .001$ ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
13. EDGE PLATING MUST CONNECT ALL FOUR LAYERS.
14. ALL .010 SIZE VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.

VENDOR NOTES:

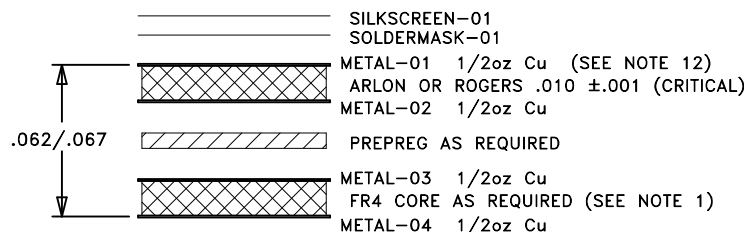
15. VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
16. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

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LAYER STACKUP

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES (MM)	
DRAWING PRACTICES PER ASME Y14.100	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	
TOLERANCES:	
.XX	+/- 0.010
.XXX	+/- 0.005
.XXXX	+/- 0.002
ANGLES	+/- .5 DEG

DWN BY:	V. LY	08/03/2010
ENGINEER:	XIN JIANG	



HITTITE MICROWAVE CORPORATION
20 Alpha Road Chelmsford, MA 01824

TITLE
PCB, EVAL
HMC5829LP4E

SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	131653	1
SCALE: NONE		WT	SHEET 1 of 1

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