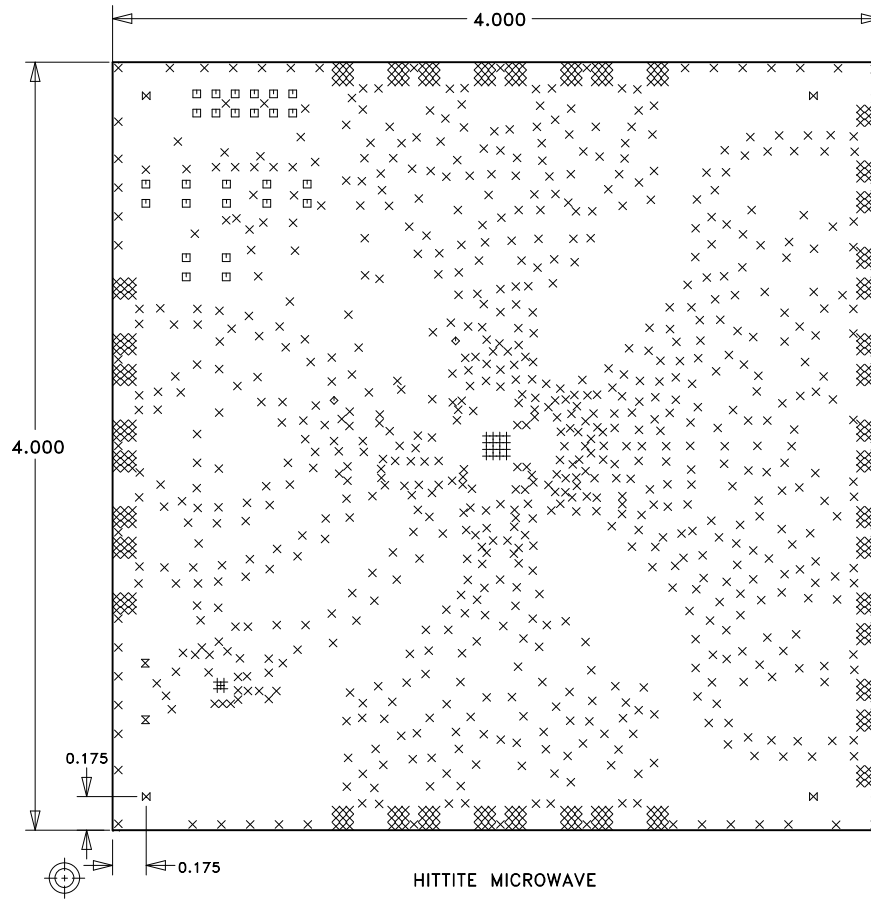


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE CP110719	05/25/11	V.VADUVA



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR, HALF OUNCE COPPER BOTH SIDES, TOPSIDE ONLY. 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 ± 0.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ± 0.003 MAX.
7. BOARD WARPAGE: .010 PER LINEAR INCH MAX.
8. SILKSCREEN BOTH SIDES WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION: ± 0.004 MAX.
10. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.
11. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
12. MANUFACTURE PER IPC-6012 CLASS 2.

SPECIAL REQUIREMENTS

13. CRITICAL LINE WIDTH OF .0115 ± 0.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.

VENDOR NOTES:

14. 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.
15. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

SIZE	QTY	SYM	PLATED	TOL
10	21	+	YES	+/-3
14	1129	X	YES	+/-3
40	26	□	YES	+/-3
43	2	◇	YES	+/-3
63	2	⊗	YES	+/-3
125	4	⊠	YES	+/-3

	SILKSCREEN-01
	SOLDERMASK-01
	METAL-01 1/2oz Cu
	CORE .0066 ± 0.0007 ARLON 25FR (CRITICAL)
	METAL-02 1/2oz Cu
	Prepreg As Required
	METAL-03 1/2 oz Cu
	FR408 CORE .010"
	METAL-04 1/2 oz Cu
	SOLDERMASK-02
	SILKSCREEN-02

LAYER STACKUP

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

DRAWN BY V.VADUVA	DATE DRN 07/04/10
CHECKED BY D.YOUNG	07/04/10
ENGINEER	
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE PCB, CUSTOMER EVALUATION			
SIZE A	CODE ID NO. 1CN88	DWG NO. 600-00076-00	REV A
SCALE: 1:1		WT:	SHEET: 1 OF 1

NEXT ASSY	USED ON
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