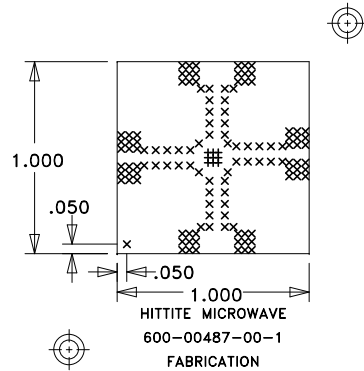


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	5/25/12	M. GIRDVAINIS



NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B OR ARLON 25FR, 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 BOTH SIDES. 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.
12. PLATING THICKNESS $.002 \pm .0005$ FOR METAL-01 AND METAL-04.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = $.016 \pm .001$ 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.

		SILKSCREEN-01
		SOLDERMASK-01
		METAL-01 1/2oz Cu
		ARLON OR ROGERS .010 $\pm .001$ (CRITICAL)
		METAL-02 1/2oz Cu
		PREPREG AS REQUIRED
		METAL-03 1/2 oz Cu
		FR4 CORE A/R (SEE NOTE 1)
		METAL-04 1/2 oz Cu
		SOLDERMASK-02

STACKUP

SIZE	QTY	SYM	PLATED	TOL
10	9	+	YES	$\pm .003$
14	121	X	YES	$\pm .003$

NEXT ASSY		USED ON

UNLESS OTHERWISE SPECIFIED:		DRAWN BY	DATE DRN
DIMENSIONS ARE IN INCHES [mm]		M. GIRDVAINIS	5/25/12
DRAWING PRACTICES PER ASME Y14.100		CHECKED BY	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		ENGINEER	
TOLERANCES:		DOUG BROOKS	
.XX	$\pm .01$	THIRD ANGLE PROJECTION	
.XXX	$\pm .005$	DO NOT SCALE DRAWING	
.XXXX	$\pm .0020$		
ANGLES	$\pm .5$ DEG.		

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE			
PCB, EVAL			
SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00487-00	1
SCALE: 1:1		WT:	SHEET: 1 OF 1