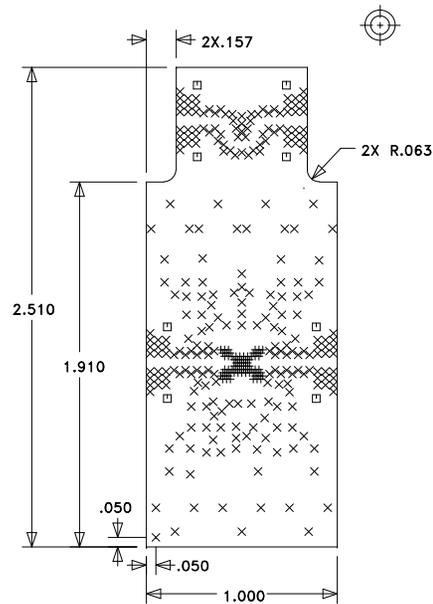


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	3/16/11	M. GIRDVAINIS



HITTITE MICROWAVE
600-00145-00-1
DRILL DRAWING

NOTES:
UNLESS OTHERWISE SPECIFIED:

- MATERIAL: DOUBLE SIDED. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350, OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ± 0.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ± 0.003 MAX.
- BOARD WARPAGE: < 0.010 PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ± 0.004 MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.
- PLATING THICKNESS $.002 \pm 0.0005$ FOR METAL-01 AND METAL-02.
- ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

- CRITICAL LINE WIDTH = $.018 \pm 0.001$ 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.

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.

—————	SILKSCREEN-01
—————	SOLDERMASK-01
	METAL-01 1/2oz Cu
	ARLON OR ROGERS .010 \pm .001 (CRITICAL)
	METAL-02 1/2oz Cu

STACK UP

SIZE	QTY	SYM	PLATED	TOL
10	69	+	YES	+/-3 FILLED
14	265	X	YES	+/-3
78	8	□	YES	+/-3

NEXT ASSY	USED ON

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	M. GIRDVAINIS	DATE DRN	3/12/11
CHECKED BY	SANG-MIN NAM	ENGINEER	
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	

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	600-00145-00	1
SCALE: 1:1		WT:	SHEET: 1 OF 1