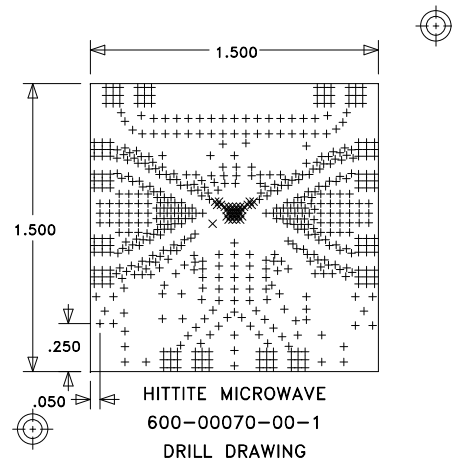


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	12/29/10	M. GIRDVAINIS



#### NOTES:

#### UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ARLOX 25FR OR ROGERS 4350, HALF OUNCE COPPER BOTH SIDES.
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. ALL .010 VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.

#### 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	33	X	YES	FILLED
14	560	+	YES	+/-3

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

#### STACK UP

UNLESS OTHERWISE SPECIFIED:		DRAWN BY		DATE DRN		PROPRIETARY TO HITTITE MICROWAVE CORPORATION			
DIMENSIONS ARE IN INCHES [mm]		M. GIRDVAINIS		12/20/10		HITTITE MICROWAVE CORPORATION			
DRAWING PRACTICES PER ASME Y14.100		CHECKED BY				20 Alpha Road			
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		IMER SERBEST				Chelmsford, MA 01824			
TOLERANCES:		ENGINEER				TITLE			
.XX $\pm .01$		THIRD ANGLE PROJECTION				PCB, EVAL			
.XXX $\pm .005$						HMC5944LC4B			
.XXX $\pm .0020$						SIZE	CODE ID NO.	DWG NO.	REV
ANGLES $\pm .5$ DEG.						A	1CN88	600-00070-00	1
		DO NOT SCALE DRAWING				SCALE: 1:1		WT:	SHEET: 1 OF 1
NEXT ASSY		USED ON							