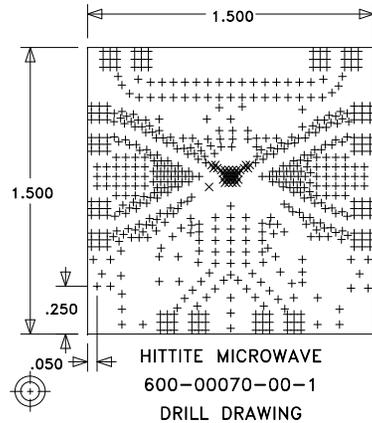


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	12/29/10	M. GIRDVAINIS



NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ARLON 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	✕	YES	FILLED
14	560	+	YES	+/-3

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

STACK UP

	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	12/20/10
CHECKED BY	IMER SERBEST		
	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 HMC5944LC4B			
SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00070-00	1
SCALE: 1:1		WT:	SHEET: 1 OF 1