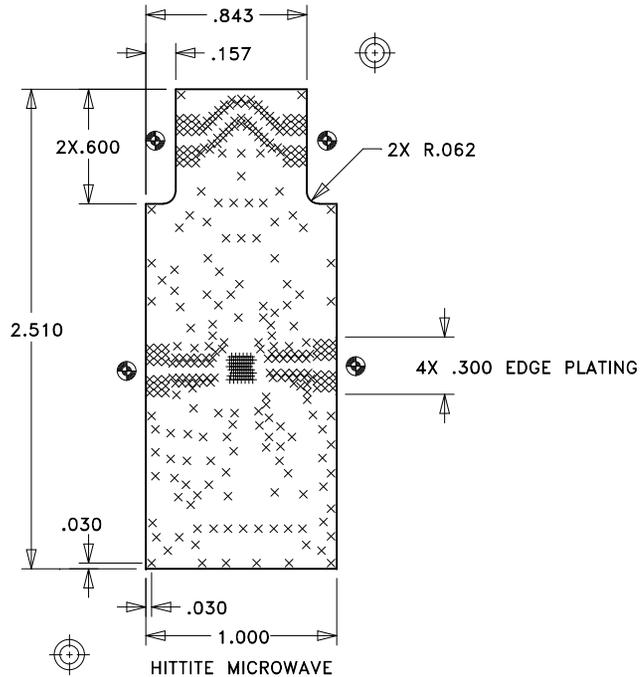


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	04/05/11	V. LY
2	DELETED C5-C8, C23, C24 AND ADDED VDD6	6/6/11	M. GIRDVAINIS



HITTITE MICROWAVE
600-00165-00-2
DRILL DRAWING
⊗ DENOTES EDGE PLATING LOCATION

SIZE	QTY	SYM	PLATED	TOL
10	50	+	YES	+/-3
14	312	×	YES	+/-3

NOTES:
UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: OVERALL STACKUP AS SHOWN. 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 ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ±.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: ±.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 ±.0005 FOR MET-01 AND MET-02.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = .016 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
15. EDGE PLATING MUST CONNECT BOTH LAYERS.

VENDOR NOTES:

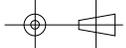
16. VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
17. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

———— SILKSCREEN-01
———— SOLDERMASK-01
 METAL-01 1/2oz Cu
.010 ±.001 ARLON 25FR OR RO4350 (CRITICAL)
METAL-02 1/2oz Cu

LAYER STACKUP

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	± .01
.XXX	± .005
.XXXX	± .0020
ANGLES	± .5 DEG.

DRAWN BY V. LY	DATE DRN 04/01/11
CHECKED BY	
ENGINEER K. BENSON	03/31/11
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 A	CODE ID NO. 1CN88	DWG NO. 600-00165-00	REV 2
SCALE: 1:1		WT:	SHEET: 1 OF 1