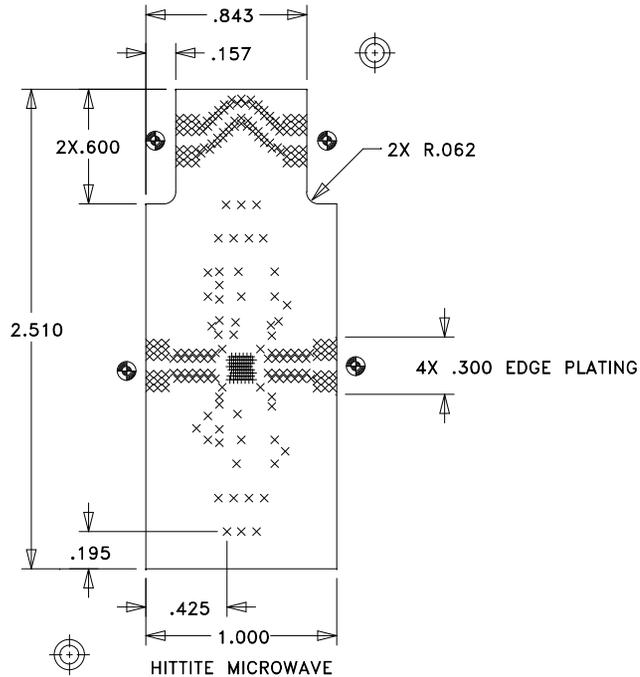


REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	7/23/13	G. HARRINGTON
2	ADD NOTE TO FILL VIAS	6/11/14	G. HARRINGTON



HITTITE MICROWAVE
600-00901-00-2
DRILL DRAWING
⊕ DENOTES EDGE PLATING LOCATION

SIZE	QTY	SYM	PLATED	TOL
10	50	+	YES	+/-3
14	224	×	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 ± 0.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ± 0.003 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: ± 0.004 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 $.002 \pm 0.0005$ FOR MET-01 AND MET-02.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = $.016 \pm 0.001$ ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
15. EDGE PLATING MUST CONNECT BOTH LAYERS.
16. FILL ALL HOLES WITH NON-CONDUCTIVE VIA FILL AND OVERPLATE WITH CU BOTH SIDES.

VENDOR NOTES:

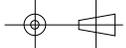
17. VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
18. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

————— SILKSCREEN-01
————— SOLDERMASK-01
 METAL-01 1/2oz Cu
 .010 \pm .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	$\pm .01$
.XXX	$\pm .005$
.XXXX	$\pm .0020$
ANGLES	$\pm .5$ DEG.

DRAWN BY	DATE DRN
G. HARRINGTON	7/23/13
CHECKED BY	
ENGINEER	
Q. ZHANG	
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	600-00901-00	2

SCALE: 1:1 WT: SHEET: 1 OF 1