

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	10/03/12	V. VADUVA
2	CHANGE AS PER QC121331	10/22/12	D. ACEVAL

NOTES:
UNLESS OTHERWISE SPECIFIED:

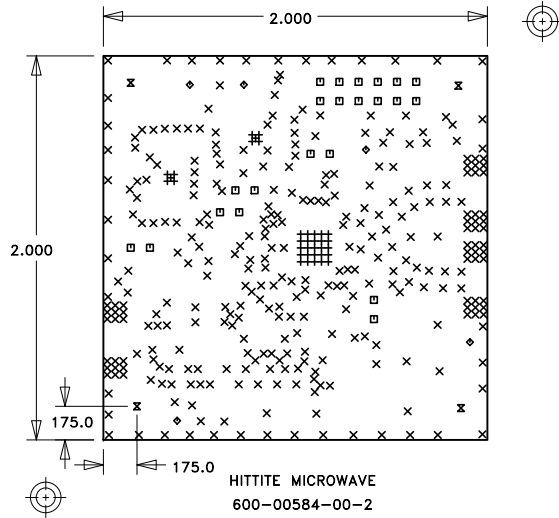
1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
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 AND BOTTOM SIDE WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK TOP SIDE AND BOTTOM 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 ± 0.0005 FOR METAL-01 AND METAL-04.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

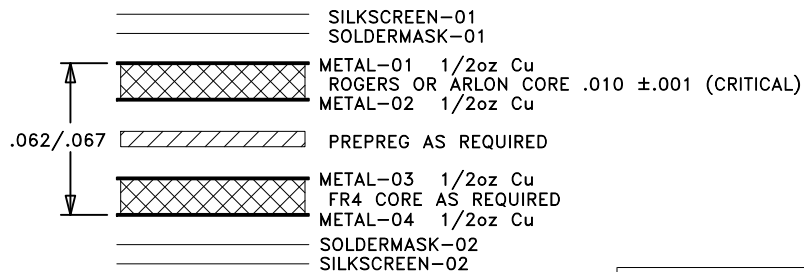
14. CRITICAL LINE WIDTH = .016 ± 0.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.

VENDOR NOTES:

15. 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.
16. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.



DRILL DRAWING



LAYER STACKUP

SIZE	QTY	SYM	PLATED	TOL
10	35	+	YES	+/-3
14	322	×	YES	+/-3
40	22	□	YES	+/-3
63	5	◇	YES	+/-3
125	4	⊗	YES	+/-3

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [mm]	DRAWN BY V. VADUVA	DATE DRN 10/01/12
	CHECKED BY	
DRAWING PRACTICES PER ASME Y14.100	ENGINEER J. CHENG	10/01/12
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	THIRD ANGLE PROJECTION	
TOLERANCES:	DO NOT SCALE DRAWING	
.XX \pm .01		
.XXX \pm .005		
.XXXX \pm .0020		
ANGLES \pm .5 DEG.		

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE PCB, CUSTOMER EVAL DIFFERENTIAL			
SIZE A	CODE ID NO. 1CN88	DWG NO. 600-00584-00	REV 2
SCALE: 1:1		WT:	SHEET: 1 OF 1

NEXT ASSY	USED ON
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