

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE CP120872	07/17/12	V.VADUVA
B	PRODUCTION CHANGE CP130259	02/06/13	V.VADUVA

NOTES:  
MATERIALS AND TOLERANCES:

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES, TOPSIDE ONLY. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PER ASTM B-488 TYPE III CODE A 8-40 MICROINCHES OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
3. APPLY LPI SOLDERMASK BOTH SIDES. COLOR: GREEN.
4. SILKSCREEN BOTH SIDES WITH WHITE NON-CONDUCTIVE INK. ENSURE SILKSCREEN DOES NOT COVER COMPONENT PADS - CLIP SILKSCREEN IF NECESSARY.
5. MANUFACTURE PER IPC-6012 CLASS 2.
6. ALL HOLES TO BE LOCATED WITHIN  $\pm .003$  OF CENTER OF PAD OR OTHER TRUE POSITION.
7. COPPER PLATE ALL HOLES MINIMUM .001 COPPER WALL THICKNESS.
8. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
9. PLATING THICKNESS .002  $\pm .0005$  FOR METAL-01 AND METAL-04.
10. WARPAGE:  $< .010$  PER LINEAR INCH.
11. FRONT TO BACK REGISTRATION:  $\pm .003$  MAX.

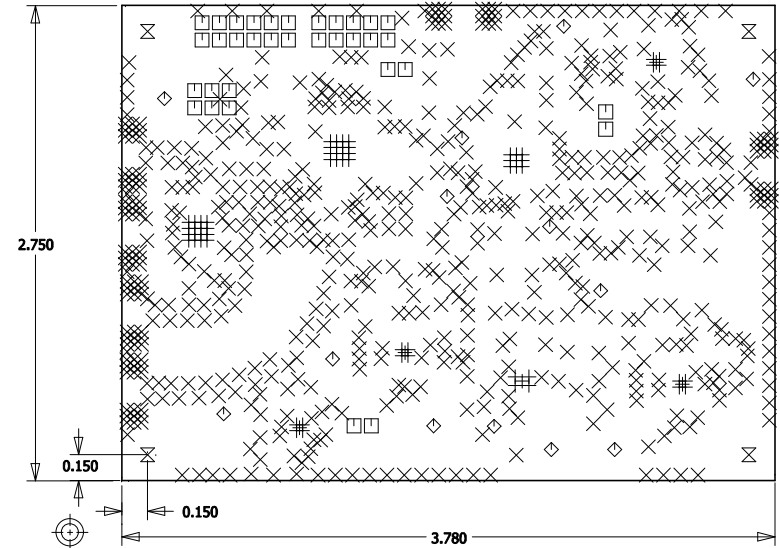
SPECIAL REQUIREMENTS:

12. CRITICAL LINE WIDTH OF .016  $\pm .001$  ON METAL-01 AND METAL-04.

VENDOR NOTES:

13. VENDOR TO COMPARE IPC NET LIST TO GERBER FILES FOR CONTINUITY. ANY DISCREPANCIES MUST BE REPORTED TO HITTITE MICROWAVE.
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. ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY HITTITE MICROWAVE.
16. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.
17. FINISHED BOARDS ARE TO BE BARE BOARD TESTED.

SIZE	QTY	SYM	PLATED	TOL
10	66	+	YES	+/-3
14	659	X	YES	+/-3
40	34	□	YES	+/-3
63	13	◇	YES	+/-3
133	4	⊗	YES	+/-3



HITTITE MICROWAVE  
600-00518-00-B  
DRILL DRAWING

	SILKSCREEN
	SOLDERMASK
.062/.067	METAL-01 1/2oz Cu
	ARLON OR ROGERS .010 $\pm .001$ (CRITICAL)
	METAL-02 1/2oz Cu
	PREPREG AS REQUIRED
	METAL-03 1/2 oz Cu
	FR4 CORE .010 $\pm .001$ (SEE NOTE 1)
	METAL-04 1/2 oz Cu
	SOLDERMASK-02
	SILKSCREEN-02

STACKUP

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.

NEXT ASSY

USED ON

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

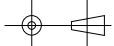


HITTITE MICROWAVE CORPORATION  
20 Alpha Road  
Chelmsford, MA 01824

TITLE

PCB, CUSTOMER EVALUATION

THIRD ANGLE  
PROJECTION



DO NOT SCALE DRAWING

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00518-00	B
SCALE: 1:1		WT:	SHEET: 1 OF 1