

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	10/12/12	D. ACEVAL

NOTES:

UNLESS OTHERWISE SPECIFIED:

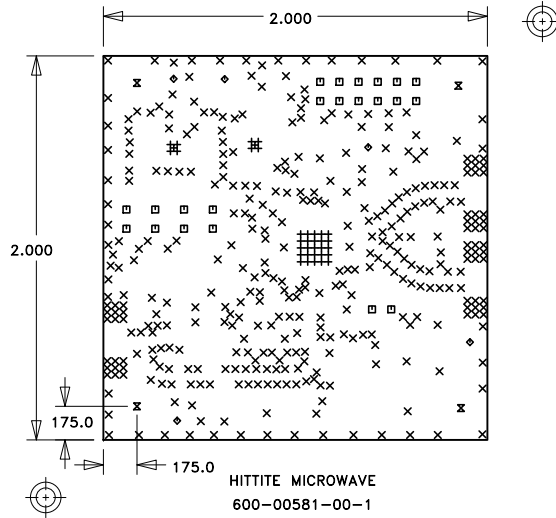
1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350B OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
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 $\pm .003$ 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 AND BOTTOM SIDE WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK TOP SIDE AND BOTTOM 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.
12. PLATING THICKNESS .002 $\pm .0005$ FOR METAL-01 AND METAL-04.

SPECIAL REQUIREMENTS:

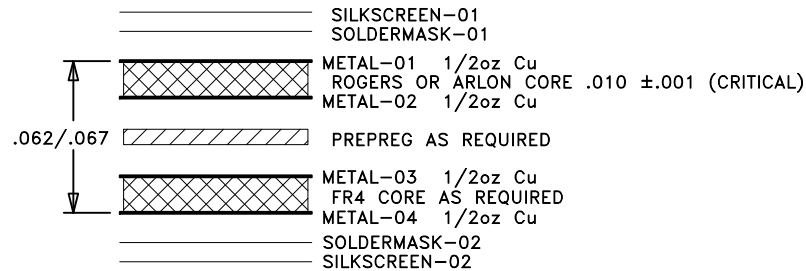
12. CRITICAL LINE WIDTH = .016 $\pm .001$ ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.

VENDOR NOTES:

13. 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.
14. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.


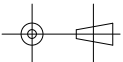


DRILL DRAWING



LAYER STACKUP

SIZE	QTY	SYM	PLATED	TOL
10	35	+	YES	+/-3
14	370	X	YES	+/-3
40	22	□	YES	+/-3
63	5	◇	YES	+/-3
125	4	⊗	YES	+/-3

UNLESS OTHERWISE SPECIFIED:		DRAWN BY D. ACEVAL		DATE DRN 10/12/12		<div></div> <div>HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824</div>					
DIMENSIONS ARE IN INCHES [mm]		CHECKED BY V. VADUVA		10/12/12		TITLE PCB, CUSTOMER EVAL HMC832LP6GE					
DRAWING PRACTICES PER ASME Y14.100		ENGINEER J. CHENG		10/12/12							
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		THIRD ANGLE PROJECTION									
TOLERANCES:		DO NOT SCALE DRAWING		SIZE A		CODE ID NO. 1CN88		DWG NO. 600-00581-00		REV 1	
.XX ± .01 .XXX ± .005 .XXXX ± .0020 ANGLES ± .5 DEG.				SCALE: 1:1		WT:		SHEET: 1 OF 1			

PROPRIETARY TO HITTITE MICROWAVE CORPORATION