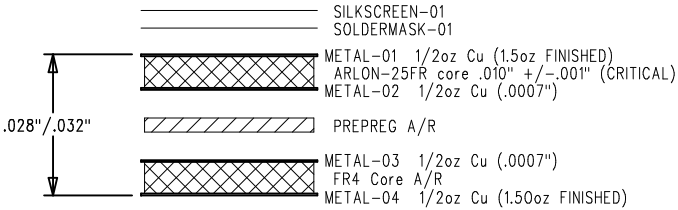


REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	07/19/07	V. LY
	2	UPDATE ARTWORK 118274-2	12/18/2007	V. LY



LAYER STACKUP



LAYER	DESCRIPTION
1	RF/GND PLANE
2	GND PLANE
3	GND PLANE
4	GND PLANE

SIZE	QTY	SYM	PLATED	TOL
10	36	X	YES	+/-3
14	341	+	YES	+/-3

- NOTES:
- MATERIALS AND TOLERANCES:
1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR AND FR4, HALF OUNCE COPPER BOTH SIDES.
  2. FINISH: GOLD PLATE PER ASTM B-488 TYPE III CODE A 8-40 MICROINCHES OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
  3. APPLY LPI SOLDERMASK TOP SIDE ONLY. COLOR: GREEN.
  4. SILKSCREEN TOP SIDE ONLY WITH WHITE NON-CONDUCTIVE INK. ENSURE SILKSCREEN DOES NOT COVER COMPONENT PADS - CLIP SILKSCREEN IF NECESSARY.
  5. MANUFACTURE PER IPC-600 CLASS II
  6. ALL HOLES TO BE LOCATED WITHIN +/- .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. WARPAGE: <.008" PER LINEAR INCH.
  10. FRONT TO BACK REGISTRATION: +/- .003" MAX.
  11. MINIMUM TRACE WIDTH = 10 MILS. MINIMUM SPACING = 10 MILS.

- SPECIAL REQUIREMENTS:
12. CRITICAL LINE WIDTH OF .016" +/- .001" ON METAL-01.

- VENDOR NOTES:
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.
  14. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
  15. VENDOR MAY ADD NOT ADD THIEVING.
  16. VENDOR MAY NOT ADD TEARDROPS.
  17. VENDOR MAY NOT REMOVE NON-FUNCTIONAL PADS.
  18. ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY HITTITE MICROWAVE. THIS INCLUDES CHANGES MADE FOR IMPEDANCE ADJUSTMENTS.
  19. BOARDS MUST PASS VISUAL INSPECTION PER IPC-600 CLASS II.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION											
UNLESS OTHERWISE SPECIFIED:		DWN BY:		 HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824							
DIMENSIONS ARE IN INCHES (MM)		VINH LY 07-19-07									
DRAWING PRACTICES PER MIL-STD-100		ENGINEER:		TITLE PCB, 1900MHZ & 900MHZ DUAL CHANNEL MIXER EVAL (HMC4187LP6 & HMC4189LP6)							
TOLERANCES:		M. DEMIRCI 07-18-07									
.XX +/- 0.010				SIZE		CODE ID NO.		DRAWING NO.		REV	
.XXX +/- 0.005				B		1CN88		118274		2	
.XXXX +/- 0.002				SCALE: 1:1		WT		SHEET 1 of 1			
ANGLES +/- .5 DEG											