

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	05/13/2008	V. LY


SIZE	QTY	SYM	PLATED	TOL
14	123	✕	YES	+/-3
43	3	□	YES	+/-3
65	2	◇	YES	+/-3

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

- NOTES:
- MATERIALS AND TOLERANCES:
- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLO^N 25FR AND FR4, HALF OUNCE COPPER BOTH SIDES.
 - FINISH: GOLD PLATE PER ASTM B-488 TYPE III CODE A 8-40 MICROINCHES OVER NICKEL PER QQ-N-290 100 MICROINCHES MINIMUM.
 - APPLY LPI SOLDERMASK TOP SIDE ONLY. COLOR: GREEN.
 - SILKSCREEN TOP SIDE ONLY WITH WHITE NON-CONDUCTIVE INK. ENSURE SILKSCREEN DOES NOT COVER COMPONENT PADS - CLIP SILKSCREEN IF NECESSARY.
 - MANUFACTURE PER IPC-600 CLASS II
 - ALL HOLES TO BE LOCATED WITHIN +/- .003" OF CENTER OF PAD OR OTHER TRUE POSITION.
 - COPPER PLATE ALL HOLES MINIMUM .001" COPPER WALL THICKNESS.
 - "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
 - WARPAGE: <.008" PER LINEAR INCH.
 - FRONT TO BACK REGISTRATION: +/- .003" MAX.
 - MINIMUM TRACE WIDTH = 10 MILS. MINIMUM SPACING = 8 MILS.
- SPECIAL REQUIREMENTS:
- CRITICAL LINE WIDTH OF .016" +/- .001" ON METAL-01.
- VENDOR NOTES:
- VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
 - ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY HITTITE MICROWAVE.
 - BOARDS MUST PASS VISUAL INSPECTION PER IPC-600 CLASS II.
 - EDGE PLATING MUST CONNECT ALL 4 METAL LAYERS.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	DWN BY:
DIMENSIONS ARE IN INCHES (MM)	VINH LY 05-13-2008
DRAWING PRACTICES PER MIL-STD-100	ENGINEER:
TOLERANCES:	A. EKEN 05-13-2008
.XX +/- 0.010	
.XXX +/- 0.005	
.XXXX +/- 0.002	
ANGLES +/- .5 DEG	

<div>HITTITE MICROWAVE CORPORATION</div> <div>20 Alpha Road Chelmsford, MA 01824</div>			
TITLE			
PCB, EVAL HMC4729MS8E			
SIZE	CODE ID NO.	DRAWING NO.	REV
B	1CN88	121944	1
SCALE: 1:1		WT	SHEET 1 of 1