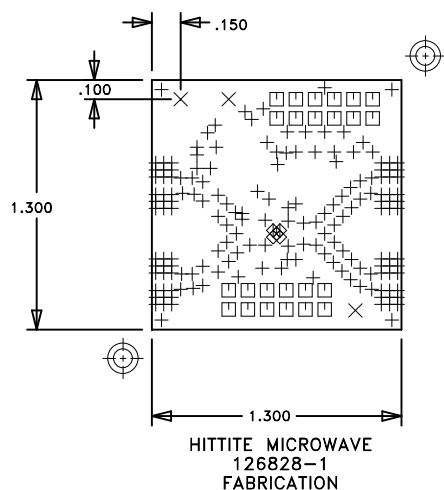


DO NOT SCALE PRINT

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	09/23/09	M.LYONS

	SILKSCREEN-01
	SOLDERMASK-01
	METAL-01 1/2oz Cu (.0007")
	ARLON OR ROGERS .010" ±.001" (CRITICAL)
	METAL-02 1/2oz Cu (.0007")
.062/.067"	PREPREG AS REQUIRED
	METAL-03 1/2oz Cu (.0007")
	FR4 A/R (SEE NOTE 1)
	METAL-04 1/2oz Cu (.0007")

LAYER STACKUP



SIZE	QTY	SYM	PLATED	TOL
10	5	◇	YES	+/-3
14	169	+	YES	+/-3
40	24	□	YES	+/-3
43	3	×	YES	+/-3

NOTES:


UNLESS OTHERWISE SPECIFIED

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350 OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES, TOPSIDE ONLY. 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 ±.003" OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ±.003" MAX.
7. BOARD WARPAGE: <.010" PER LINEAR INCH.
8. SILKSCREEN TOPSIDE ONLY WITH WHITE EPOXY INK.
9. PLATING THICKNESS .002"±.0005 FOR METAL-01 AND METAL-04.
10. SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ±.004 MAX.
11. REMOVE METAL BURRS FROM EDGE OF PCB AFTER PANEL SEPARATION.
12. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.
13. "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
14. MANUFACTURE PER IPC-600 CLASS 2.

SPECIAL REQUIREMENTS:

15. CRITICAL LINE WIDTH = .016" ±.001" ADJUST PROCESS TO ACHIEVE WIDTH.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	DWN BY:	 HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824		
DIMENSIONS ARE IN INCHES (MM)	MARTIN LYONS 09/03/09			
DRAWING PRACTICES PER MIL-STD-100	ENGINEER:	TITLE PCB, EVAL HMC5267LP3E HMC5276LP3E, HMC794LP3E		
TOLERANCES:	DON YOUNG			
.XX	+/- 0.010	SIZE	CODE ID NO.	DRAWING NO.
.XXX	+/- 0.005	A	1CN88	126828
.XXXX	+/- 0.002	SCALE:	WT	REV
ANGLES	+/- .5 DEG			1
				SHEET 1 of 1