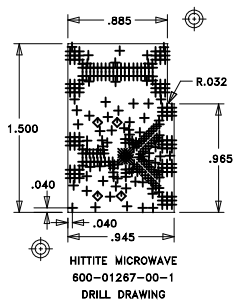


REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	09/04/14	Y.AYDIN



NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLOX 25FR OR ROGERS 4350B, 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 ONLY WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK BOTH SIDES. 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 MET-01 AND MET-04.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

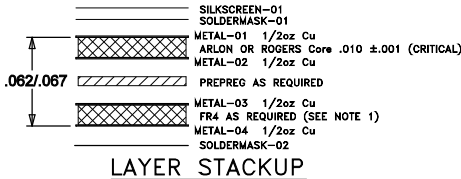
SPECIAL REQUIREMENTS:



14. METAL-01: CRITICAL LINE WIDTH =  $.018 \pm .001$  ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH. VENDOR TO VERIFY IMPEDANCE REQUIREMENTS.

VENDOR NOTES:

15. 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.
16. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.
17. ANY CHANGES TO METAL LAYERS OR STACKUP MUST BE APPROVED BY HITTITE MICROWAVE. THIS INCLUDES CHANGES MADE FOR IMPEDANCE ADJUSTMENTS.

SIZE	QTY	SYM	PLATED	TOL
10	9	×	YES	+/-3
14	274	+	YES	+/-3
63	4	◇	YES	+/-3



UNLESS OTHERWISE SPECIFIED:		DRAWN BY Y.AYDIN		DATE DRN 09/04/14		 HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824							
DIMENSIONS ARE IN INCHES [mm]		CHECKED BY											
DRAWING PRACTICES PER ASME Y14.100		T.KOLCUOGLU		TITLE  PCB, EVAL									
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		ENGINEER											
TOLERANCES:		THIRD ANGLE PROJECTION				SIZE B		CODE ID NO. 1CN88		DWG NO. 600-01267-00		REV 1	
.XX ± .01		DO NOT SCALE DRAWING				SCALE: 1:1		WT:		SHEET: 1 OF 1			
.XXX ± .005													
.XXXX ± .0020													
ANGLES ± .5 DEG.													

NEXT ASSY	XXXXXX
	USED ON