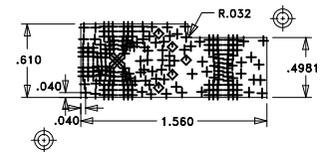


REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	11/19/13	Y.AYDIN



HITTITE MICROWAVE
600-01012-00-1
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	5	⊗	YES	+/-3
14	219	+	YES	+/-3
63	5	◇	YES	+/-3

NOTES:

UNLESS OTHERWISE SPECIFIED:

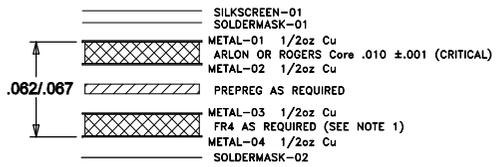
- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, B TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ±.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ±.003 MAX.
- BOARD WARPAGE: <.010 PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION: ±.004 MAX.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.
- PLATING THICKNESS .002 ±.0005 FOR MET-01 AND MET-04.
- ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

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

VENDOR NOTES:

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



LAYER STACKUP

UNLESS OTHERWISE SPECIFIED:	DRAWN BY Y.AYDIN	DATE DRN 11/19/13
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY T.KOLCUOGLU	ENGINEER
DRAWING PRACTICES PER ASME Y14.100	THIRD ANGLE PROJECTION	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	DO NOT SCALE DRAWING	
TOLERANCES:		
.XX ± .01		
.XXX ± .005		
.XXXX ± .0020		
ANGLES ± .5 DEG.		

PROPRIETARY TO HITTITE MICROWAVE CORPORATION
HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

TITLE PCB, EVAL			
SIZE B	CODE ID NO. 1CN88	DWG NO. 600-01012-00	REV 1

SCALE: 1:1	WT:	SHEET: 1 OF 1
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NEXT ASSY XXXXXX USED ON