

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

NOTES:

UNLESS OTHERWISE SPECIFIED:

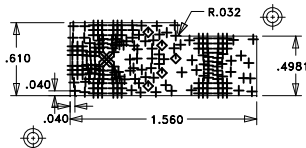
1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, B TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
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.

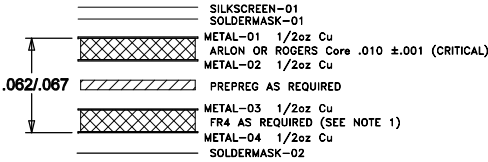
VENDOR NOTES:

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.



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



LAYER STACKUP

UNLESS OTHERWISE SPECIFIED:		DRAWN BY Y.AYDIN	DATE DRN 11/19/13	PROPRIETARY TO HITTITE MICROWAVE CORPORATION	
DIMENSIONS ARE IN INCHES [mm]		CHECKED BY T.KOLCUOGLU	ENGINEER	HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824	
DRAWING PRACTICES PER ASME Y14.100				TITLE PCB, EVAL	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		THIRD ANGLE PROJECTION		SIZE B	CODE ID NO. 1CN88
TOLERANCES:		DO NOT SCALE DRAWING		DWG NO. 600-01012-00	REV 1
.XX ± .01 .XXX ± .005 .XXXX ± .0020 ANGLES ± .5 DEG.				SCALE: 1:1	SHEET: 1 OF 1