

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	09/08/14	Y.AYDIN

NOTES:

UNLESS OTHERWISE SPECIFIED:

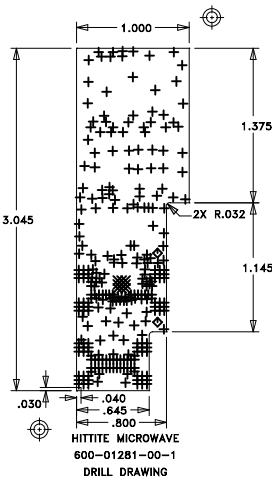
1. MATERIAL: MULTILAYER, OVERALL STACKUP AS SHOWN, TYPE ARLO 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES, FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
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 ±.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 TOP SIDE ONLY WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION: ±.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 ±.0005 FOR MET-01 AND MET-04.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

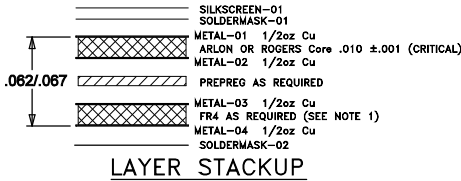
14. METAL-01: CRITICAL LINE WIDTH = .018 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH. VENDOR TO VERIFY IMPEDANCE REQUIREMENTS.



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	278	+	YES	+/-3
63	2	◇	YES	+/-3



UNLESS OTHERWISE SPECIFIED:		DRAWN BY		DATE DRN		PROPRIETARY TO HITTITE MICROWAVE CORPORATION							
DIMENSIONS ARE IN INCHES [mm]		Y.AYDIN		09/08/14		<div> HITTITE MICROWAVE CORPORATION 20 Alpha Road Chelmsford, MA 01824</div>							
		CHECKED BY											
DRAWING PRACTICES PER ASME Y14.100		ENGINEER				TITLE PCB, EVAL SWITCH							
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		Y.ATASEL											
TOLERANCES:		THIRD ANGLE PROJECTION				SIZE		CODE ID NO.		DWG NO.		REV	
.XX ± .01						B		1CN88		600-01281-00		1	
.XXX ± .005													
.XXXX ± .0020													
ANGLES ± .5 DEG.													
		DO NOT SCALE DRAWING				SCALE: 1:1		WT:		SHEET: 1 OF 1			

NEXT ASSY	XXXXXX USED ON
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