



HITTITE MICROWAVE
600-01209-00-1
DRILL DRAWING

SIZE	QTY	SYM	PLATED	TOL
10	52	×	YES	FILLED +/-3
14	222	+	YES	+/-3
221	4	◇	YES	+/-2

=====	SILKSCREEN-01
=====	SOLDERMASK-01
=====	METAL-01 1/2oz Cu
=====	ARLON OR ROGERS .010 ±.001 (CRITICAL)
=====	METAL-02 1/2oz Cu

STACK UP

NEXT ASSY	USED ON
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UNLESS OTHERWISE SPECIFIED:	DRAWN BY J. DONOVAN	DATE DRN 7/9/14
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY	
DRAWING PRACTICES PER ASME Y14.100	ENGINEER TOM WINSLOW	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	THIRD ANGLE PROJECTION	
TOLERANCES:	DO NOT SCALE DRAWING	
.XX ± .01		
.XXX ± .005		
.XXXX ± .0020		
ANGLES ± .5 DEG.		

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	7/11/14	J. DONOVAN

NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: PER LAYER STACKUP. TYPE ARLON 25FR, OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES.
2. FINISH: ENIG PER IPC-4552.
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 TOP SIDE. 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 METAL-01 AND METAL-02.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = .018 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
15. ALL .010 VIA TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.

VENDOR NOTES:

16. 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.
17. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
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Chelmsford, MA 01824

TITLE			
PCB, EVAL			
SIZE A	CODE ID NO. 1CN88	DWG NO. 600-01209-00	REV 1
SCALE: 1/1		WT:	SHEET: 1 OF 1