

SIZE	QTY	SYM	PLATED	TOL
10	50	+	YES	+/-3
14	224	×	YES	+/-3

———— SILKSCREEN-01  
———— SOLDERMASK-01



METAL-01 1/2oz Cu  
.010 ±.001 ARLOX 25FR OR R04350 (CRITICAL)  
METAL-02 1/2oz Cu

## LAYER STACKUP

NEXT ASSY	USED ON
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UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES [mm]	
DRAWING PRACTICES PER ASME Y14.100	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009	
TOLERANCES:	
.XX	± .01
.XXX	± .005
.XXXX	± .0020
ANGLES	± .5 DEG.

REVISION			
LTR	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	7/23/13	G. HARRINGTON
2	ADD NOTE TO FILL VIAS	6/11/14	G. HARRINGTON

### NOTES: UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: OVERALL STACKUP AS SHOWN. TYPE ARLOX 25FR OR ROGERS 4350, HALF OUNCE COPPER BOTH SIDES.
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 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 MET-01 AND MET-02.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

### SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = .016 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
15. EDGE PLATING MUST CONNECT BOTH LAYERS.
16. FILL ALL HOLES WITH NON-CONDUCTIVE VIA FILL AND OVERPLATE WITH CU BOTH SIDES.

### VENDOR NOTES:

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

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

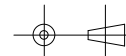


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TITLE

PCB, EVAL

THIRD ANGLE  
PROJECTION



DO NOT SCALE DRAWING

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00901-00	2
SCALE: 1:1		WT:	SHEET: 1 OF 1