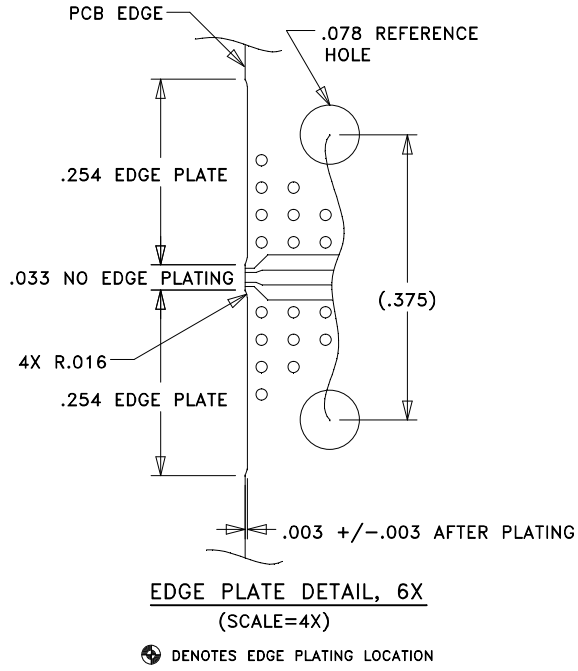


SIZE	QTY	SYM	PLATED	TOL
10	54	+	YES	+/-3 FILLED
14	249	×	YES	+/-3
43	3	□	YES	+/-3
78	8	◇	YES	+/-3



NOTES:

UNLESS OTHERWISE SPECIFIED:

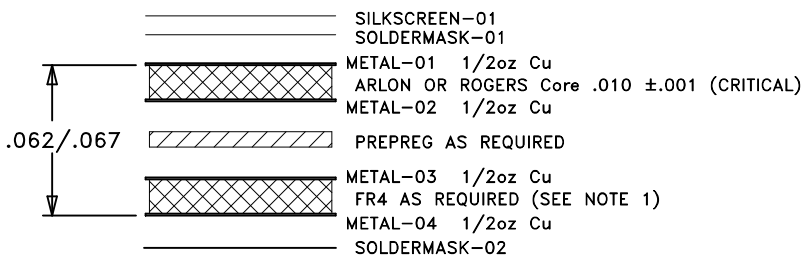
1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE ROGERS 4350 OR ARLON 25FR, HALF OUNCE COPPER BOTH SIDES. FR4 TO BE USED AS FILLER TO MEET CRITICAL OVERALL THICKNESS.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
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 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-04.
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. ALL .010 VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.
16. EDGE PLATING MUST CONNECT ALL FOUR METAL LAYERS.

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.



LAYER STACKUP

UNLESS OTHERWISE SPECIFIED:	DRAWN BY V. LY	DATE DRN 05/06/11
DIMENSIONS ARE IN INCHES [mm]	CHECKED BY K. AYYILDIZ	05/06/11
DRAWING PRACTICES PER ASME Y14.100	ENGINEER	
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009		
TOLERANCES: .XX ± .01 .XXX ± .005 .XXXX ± .0020 ANGLES ± .5 DEG.	THIRD ANGLE PROJECTION	

DO NOT SCALE DRAWING

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. 600-00196-00	REV 2
SCALE: 1:1		WT:	SHEET: 1 OF 1

NEXT ASSY	USED ON
-----------	---------