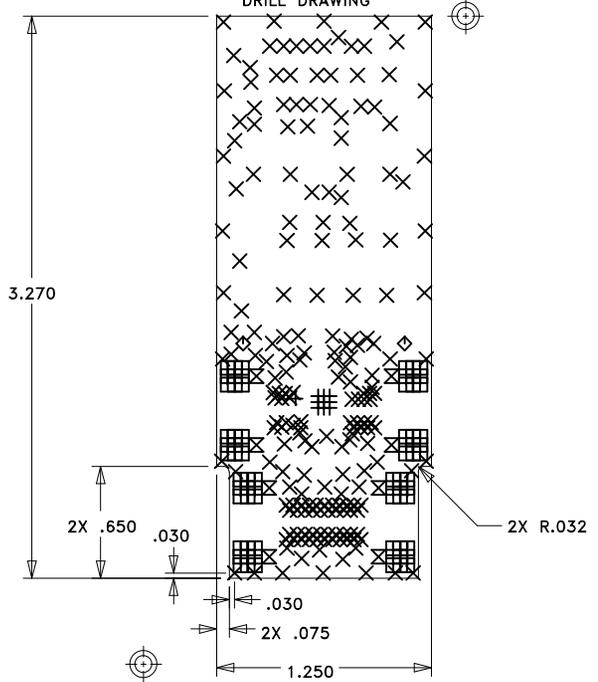
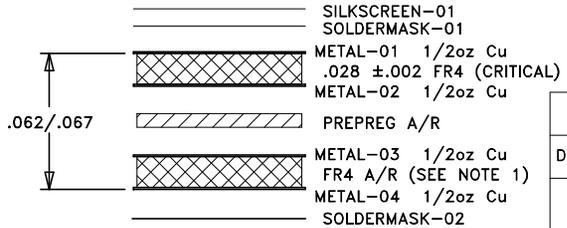


HITTITE MICROWAVE  
600-00419-00-2  
DRILL DRAWING



SIZE	QTY	SYM	PLATED	TOL
10	10	+	YES	+/-3
14	205	X	YES	+/-3
18	72	□	YES	+/-3
43	2	◇	YES	+/-2
80	8	⊗	YES	+/-3



**LAYER STACKUP**

NEXT ASSY	USED ON

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	03/20/12	V. LY
2	REVISED PER QC120523	05/11/12	V. LY

**NOTES:**  
**UNLESS OTHERWISE SPECIFIED:**

1. MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE FR4, 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 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 METAL-01 AND METAL-04.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

**SPECIAL REQUIREMENTS:**

14. CRITICAL LINE WIDTH = .020 ±.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.

**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.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

DRAWN BY V. LY	DATE DRN 03/14/12
CHECKED BY	
ENGINEER H. NGUYEN	
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	

HITTITE MICROWAVE CORPORATION  
20 Alpha Road  
Chelmsford, MA 01824

TITLE  
**PCB, EVAL, 75 OHMS**

SIZE	CODE ID NO.	DWG NO.	REV
A	1CN88	600-00419-00	2

SCALE: 1:1      WT:      SHEET: 1 OF 1