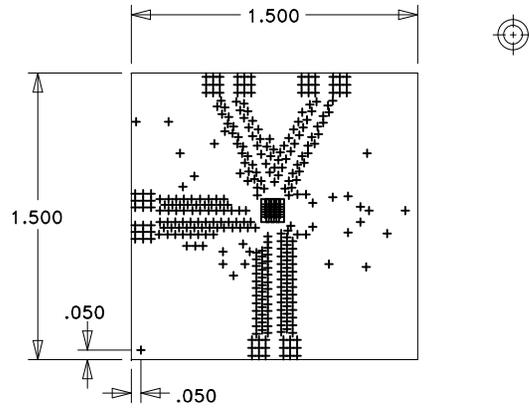


| REVISION |                     |         |               |
|----------|---------------------|---------|---------------|
| LTR      | DESCRIPTION         | DATE    | APPROVED      |
| 1        | ENGINEERING RELEASE | 6/11/12 | G. HARRINGTON |
| 2        | CHANGED J3, J4      | 9/12/12 | G. HARRINGTON |



HITTITE MICROWAVE  
PCB #600-00502-00-2  
FABRICATION

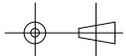
| SIZE | QTY | SYM | PLATED | TOL  |
|------|-----|-----|--------|------|
| 10   | 16  | □   | YES    | +/-3 |
| 14   | 334 | +   | YES    | +/-3 |

\_\_\_\_\_ SILKSCREEN-01  
 \_\_\_\_\_ SOLDERMASK-01  
 METAL-01 1/2 oz Cu (SEE NOTE 14)  
 \_\_\_\_\_ CORE .0066 ±.0007 RO4350 (CRITICAL)  
 \_\_\_\_\_ METAL-02 1/2 oz Cu

**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. |

|                           |   |
|---------------------------|---|
| DRAWN BY<br>G. HARRINGTON | DATE DRN<br>6/11/12   |
| CHECKED BY                |   |
| ENGINEER<br>K. BENSON     |   |
| 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<br><b>A</b> | CODE ID NO.<br><b>1CN88</b> | DWG NO.<br><b>600-00502-00</b> | REV<br><b>2</b> |
| SCALE: 1:1       |                             | WT:                            | SHEET: 1 OF 1   |

**NOTES:**

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ROGERS 4350B, 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 METAL-01 AND METAL-02.
13. ARTWORK IS 1:1. VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = .0115 ±.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.