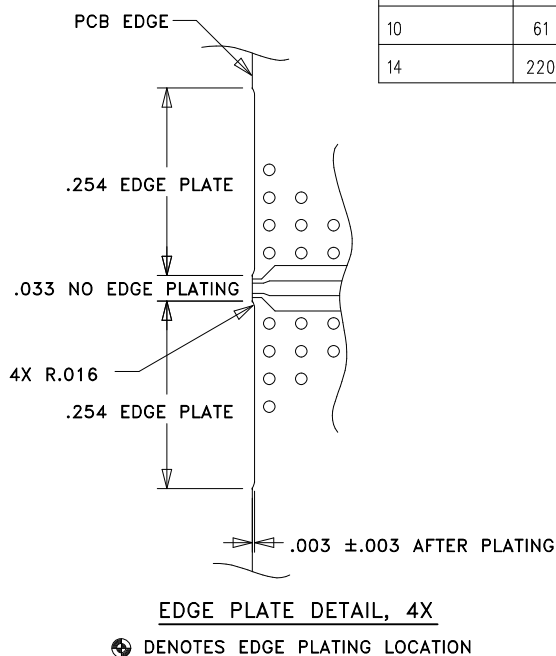


HITTITE MICROWAVE
600-00812-00-1
DRILL DRAWING

| SIZE | QTY | SYM | PLATED | TOL |
|------|-----|-----|--------|-------------|
| 10 | 61 | + | YES | +/-3 FILLED |
| 14 | 220 | X | YES | +/-3 |



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 DONOVAN | DATE DRN 4/17/13 |
| CHECKED BY | |
| ENGINEER KEITH 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 A | CODE ID NO. 1CN88 | DWG NO. 600-00812-00 | REV 1 |
| SCALE: 1:1 | | WT: | SHEET: 1 OF 1 |

| REVISION | | | |
|----------|---------------------|---------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| 1 | ENGINEERING RELEASE | 4/24/13 | DONOVAN |
| | | | |

| | |
|-----------------------|-----------------------|
| SILKSCREEN-01 | |
| SOLDERMASK-01 | |
| METAL-01 | 1/2oz Cu |
| ARLON OR R04350B Core | .010 ±.001 (CRITICAL) |
| METAL-02 | 1/2oz Cu |

LAYER STACKUP

NOTES:

UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: DOUBLE SIDED. OVERALL STACKUP AS SHOWN. 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 = .018 ±.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 BOTH 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.