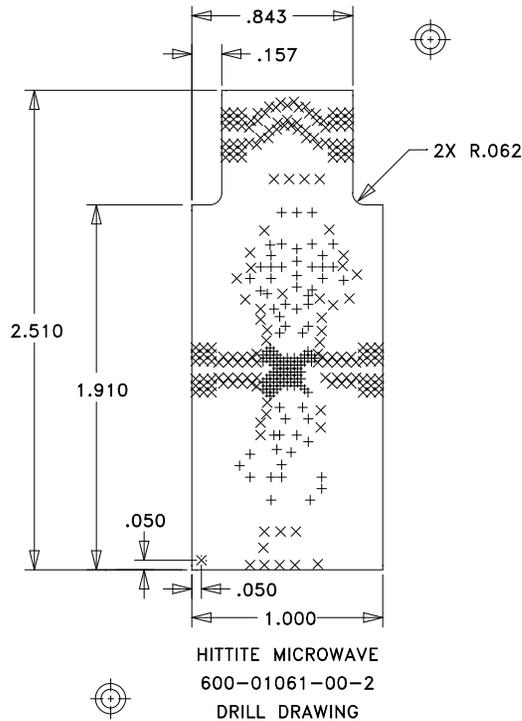


| REVISION | | | |
|----------|---------------------|----------|---------------|
| LTR | DESCRIPTION | DATE | APPROVED |
| 1 | ENGINEERING RELEASE | 01/15/14 | M. GIRDVAINIS |
| 2 | ADD 30K RESISTORS | 5/20/14 | G. HARRINGTON |



NOTES:
UNLESS OTHERWISE SPECIFIED:

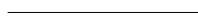
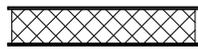
1. MATERIAL: OVERALL STACKUP AS SHOWN. TYPE ARLON 25FR OR ROGERS 4350B, HALF OUNCE COPPER BOTH SIDES.
2. FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
3. PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
4. HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
5. ALL HOLES TO BE LOCATED WITHIN ± 0.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
6. FRONT TO BACK REGISTRATION ± 0.003 MAX.
7. BOARD WARPAGE: < 0.010 PER LINEAR INCH.
8. SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
9. SOLDERMASK: LPI SOLDERMASK TOP SIDE. COLOR: GREEN REGISTRATION: ± 0.004 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 $.002 \pm 0.0005$ FOR MET-01 AND MET-02.
13. ARTWORK IS 1:1 VENDOR TO ADJUST FOR ETCH FACTOR.

SPECIAL REQUIREMENTS:

14. CRITICAL LINE WIDTH = $.016 \pm 0.001$ ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
15. ALL VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.

VENDOR NOTES:

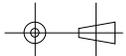
16. VENDOR MAY ADD E-TEST STAMP TO PCB. VENDOR SHALL NOT ADD NAME, LOGO, DATE CODE, UL LISTING OR ANY OTHER MARKING TO ANY VISIBLE LAYER.
17. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

| | |
|---|---|
|  | SILKSCREEN-01 |
|  | SOLDERMASK-01 |
|  | METAL-01 1/2oz Cu .010 \pm .001 ARLON 25FR OR R04350B (CRITICAL) |
| | METAL-02 1/2oz Cu |

LAYER STACKUP

| SIZE | QTY | SYM | PLATED | TOL |
|------|-----|-----|--------|-------------|
| 10 | 126 | + | YES | +/-3 FILLED |
| 14 | 183 | X | YES | +/-3 FILLED |

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

| | | |
|---|---------------------------|---|
| UNLESS OTHERWISE SPECIFIED: | DRAWN BY M. GIRDVAINIS | DATE DRN 01/06/14 |
| DIMENSIONS ARE IN INCHES [mm] | CHECKED BY | |
| DRAWING PRACTICES PER ASME Y14.100 | ENGINEER Q. ZHANG | |
| INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009 | THIRD ANGLE PROJECTION |  |
| TOLERANCES: | DO NOT SCALE DRAWING | |
| .XX \pm .01 | | |
| .XXX \pm .005 | | |
| .XXXX \pm .0020 | | |
| ANGLES \pm .5 DEG. | | |

| | | | |
|---|-----------------------------|--------------------------------|-----------------|
| 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. 600-01061-00 | REV 2 |
| SCALE: 1:1 | | WT: | SHEET: 1 OF 1 |