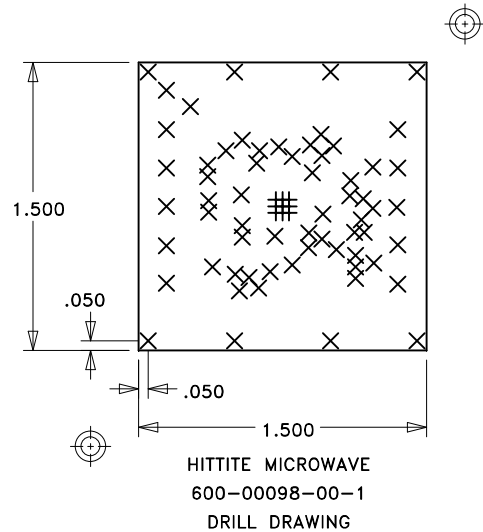
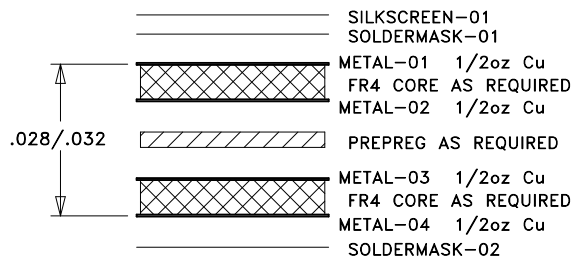


| REVISION | | | |
|----------|---------------------|----------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| 1 | ENGINEERING RELEASE | 02/04/10 | V. LY |
| | | | |



| SIZE | QTY | SYM | PLATED | TOL |
|------|-----|-----|--------|------|
| 10 | 9 | + | YES | +/-3 |
| 14 | 63 | X | YES | +/-3 |



LAYER STACKUP

| | | | |
|---|-----------|---------------------------|----------------------|
| UNLESS OTHERWISE SPECIFIED: | | DRAWN BY V. LY | DATE DRN 01/27/11 |
| DIMENSIONS ARE IN INCHES [mm] | | CHECKED BY | |
| DRAWING PRACTICES PER ASME Y14.100 | | ENGINEER S. ILKE | 01/27/11 |
| INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-2009 | | THIRD ANGLE PROJECTION | |
| TOLERANCES: | | DO NOT SCALE DRAWING | |
| .XX | ± .01 | | |
| .XXX | ± .005 | | |
| .XXXX | ± .0020 | | |
| ANGLES | ± .5 DEG. | | |

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

NOTES: UNLESS OTHERWISE SPECIFIED:

- MATERIAL: MULTILAYER. OVERALL STACKUP AS SHOWN. TYPE FR4, HALF OUNCE COPPER BOTH SIDES.
- FINISH: GOLD PLATE PER ASTM B-488, TYPE III, CODE A, 8 TO 40 MICROINCHES, OVER NICKEL PER QQ-N-290, 100 MICROINCHES MINIMUM.
- PLATED THRU HOLES: .001 MINIMUM WALL THICKNESS.
- HOLE SIZES AND POSITIONS PER ARTWORK AND/OR DRILL FILE.
- ALL HOLES TO BE LOCATED WITHIN ± 0.003 OF THE CENTER OF THE PAD OR OTHER TRUE POSITION.
- FRONT TO BACK REGISTRATION ± 0.003 MAX.
- BOARD WARPAGE: $< .010$ PER LINEAR INCH.
- SILKSCREEN TOP SIDE ONLY WITH WHITE EPOXY INK.
- SOLDERMASK: LPI SOLDERMASK BOTH SIDES. COLOR: GREEN REGISTRATION: ± 0.004 MAX. SOLDERMASK TOP: NEGATIVE IMAGE. SOLDERMASK BOTTOM: POSITIVE IMAGE, BOTTOM SURFACE TO BE FREE OF SOLDERMASK EXCEPT FOR THE AREAS DEFINED.
- "SIZE" IN DRILL LEGEND IS IN MILS AND REFERS TO FINISHED HOLE SIZE.
- MANUFACTURE PER IPC-6012 CLASS 2.

VENDOR NOTES:

- 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.
- BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION



HITTITE MICROWAVE CORPORATION
20 Alpha Road
Chelmsford, MA 01824

| | | | |
|------------------------------------|----------------------|-------------------------|---------------|
| TITLE PCB, EVAL HMC5885ALP4E | | | |
| SIZE A | CODE ID NO. 1CN88 | DWG NO. 600-00098-00 | REV 1 |
| SCALE: 1:1 | | WT: | SHEET: 1 OF 1 |