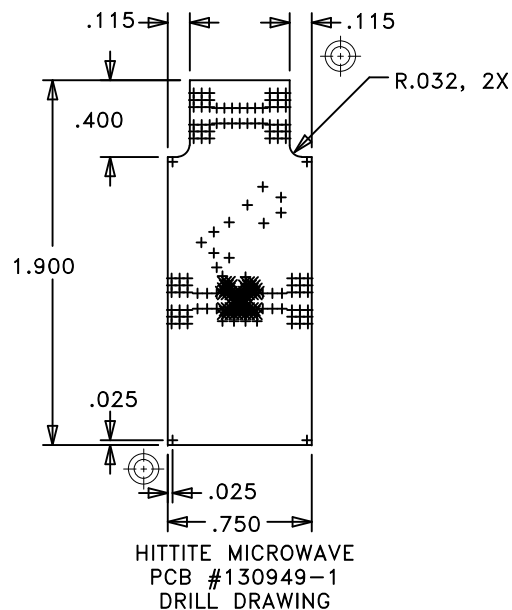


DO NOT SCALE PRINT

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	ENGINEERING RELEASE	06/01/10	M.LYONS



SIZE	QTY	SYM	PLATED	TOL
10	84	×	YES	FILLED
14	119	+	YES	+/-3

NOTES:
UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: TYPE ROGERS 4350 OR ARLON 25FR, 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.

SPECIAL REQUIREMENTS:

12. CRITICAL LINE WIDTH = 0.016 ± 0.001 ON METAL-01. ADJUST PROCESS TO ACHIEVE WIDTH.
13. ALL 0.010 VIAS TO BE FILLED WITH NON-CONDUCTIVE VIA FILL AND OVERPLATED WITH Cu BOTH SIDES.

VENDOR NOTES:

14. 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.
15. BOARDS MUST PASS VISUAL INSPECTION PER IPC-A-600 CLASS 2.

PROPRIETARY TO HITTITE MICROWAVE CORPORATION

UNLESS OTHERWISE SPECIFIED:	DWN BY:
DIMENSIONS ARE IN INCHES (MM)	MARTIN LYONS 05/26/2010
DRAWING PRACTICES PER MIL-STD-100	ENGINEER:
TOLERANCES:	SANG-MIN NAM
.XX	+/- 0.010
.XXX	+/- 0.005
.XXXX	+/- 0.002
ANGLES	+/- .5 DEG



HITTITE MICROWAVE CORPORATION
20 Alpha Road Chelmsford, MA 01824

TITLE

PCB, EVAL
HMC5688ALP4E

SIZE	CODE ID NO.	DRAWING NO.	REV
A	1CN88	130949	1
SCALE:		WT	SHEET 1 of 1

SILKSCREEN-01
SOLDERMASK-01
METAL-01 1/2oz Cu
ARLON OR ROGERS Core 0.010 ± 0.001 (CRITICAL)
METAL-02 1/2oz Cu

LAYER STACKUP