LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

产品型号（Product model）：HM-LFCG-1000+

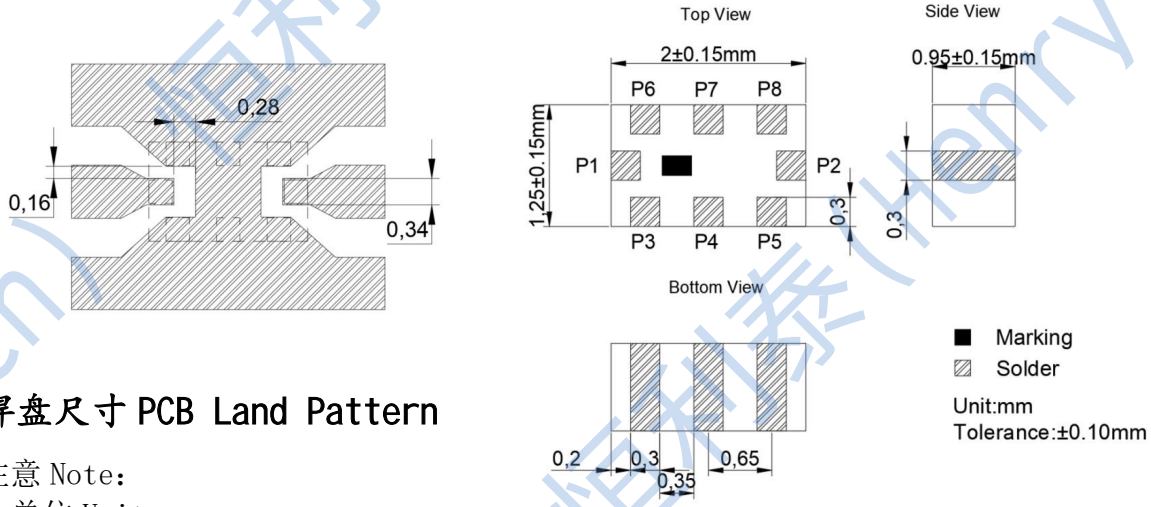
一、电气性能 Electrical Specifications（TAMB=25°C）

No.	项目		指标
2	通带频率 Passband Frequency		DC-1000MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	DC~1000MHz	≤1.8dB
		1370MHz	≤3.0dB
5	回波损耗 Return Loss	DC~1000MHz	≥12dB
6	带外抑制 OOBR	1550~1900MHz	≥20dB
		1900~3000MHz	≥35dB
		3000~8000MHz	≥30dB
		8000~10000MHz	≥10dB
7	工作温度 Operating Temperature		-40℃ ~ +85℃
8	存储温度 Storage Temperature		-40℃ ~ +85℃
9	最大输入功率 Input Power max		5.5W

三、引脚定义 Pin Connections

输入 input Port	1
输出 output Port	2
接地 GND	3、4、5、6、7、8

二、外形尺寸 Outline Drawing（Unit：mm）



焊盘尺寸 PCB Land Pattern

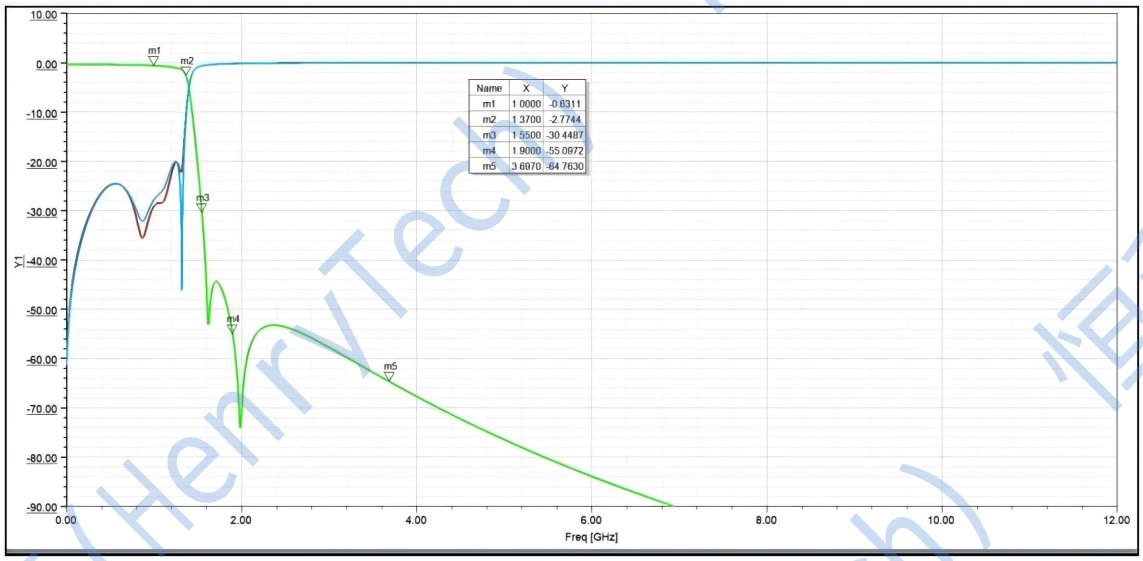
注意 Note：

1. 单位 Unit： mm
2. 线宽应设计为匹配 50Ω特性阻抗，具体取决于 PCB 材料和厚度。
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

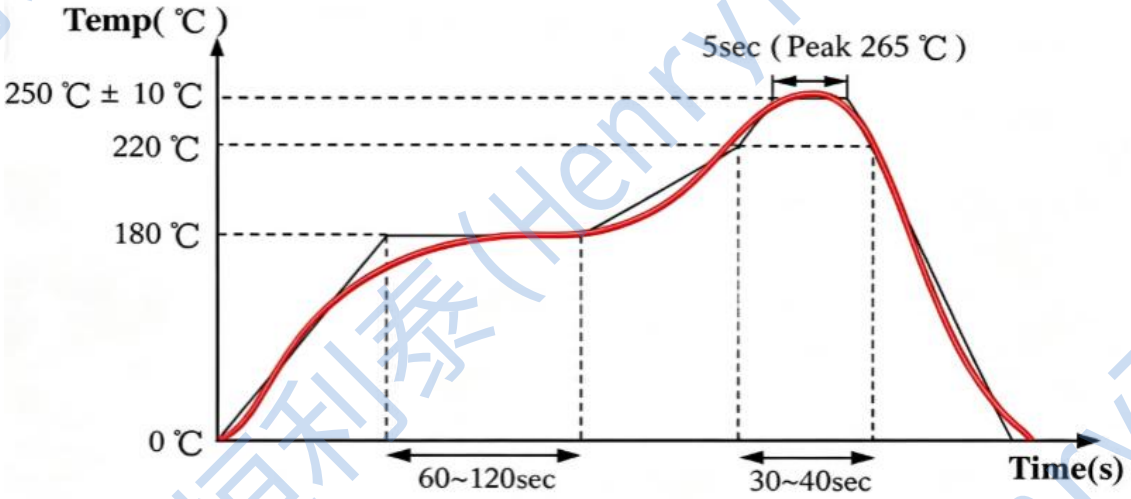
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四、测试曲线 Test Curve @ 25℃



五、回流焊温度 Reflow Soldering Temperature



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