LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

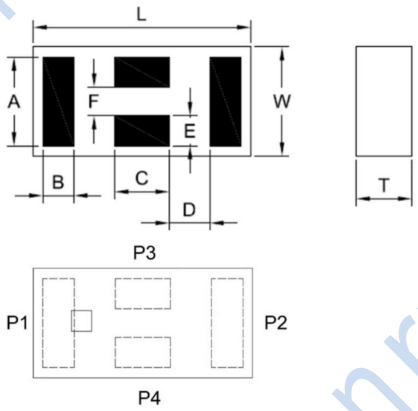
产品型号（Product model）：HM-LP1608-2690M

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

No.	项目		指标
2	通带频率 Passband Frequency		DC-2690MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss @25℃	DC~2690MHz	≤0.5dB
	插损 Insertion Loss @-40℃~+85℃	DC~2690MHz	≤0.6dB
5	驻波比 VSWR	DC~2690MHz	≤2.0
6	带外抑制 OOBR	4950~10500MHz	≥35dB
		10500~12000MHz	≥27dB
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		1W

二、外形尺寸 Outline Drawing（Unit：mm）

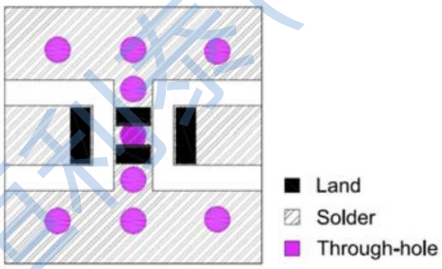
L	1.60 ± 0.10
W	0.80 ± 0.10
T	0.60 ± 0.10
A	0.65 ± 0.10
B	0.225 ± 0.10
C	0.40 ± 0.10
D	0.30 ± 0.10
E	0.22 ± 0.10
F	0.21 ± 0.10



三、引脚定义 Pin Connections

输入 input Port	1
输出 output Port	2
接地 GND	3、4

四、焊盘尺寸 PCB Land Pattern



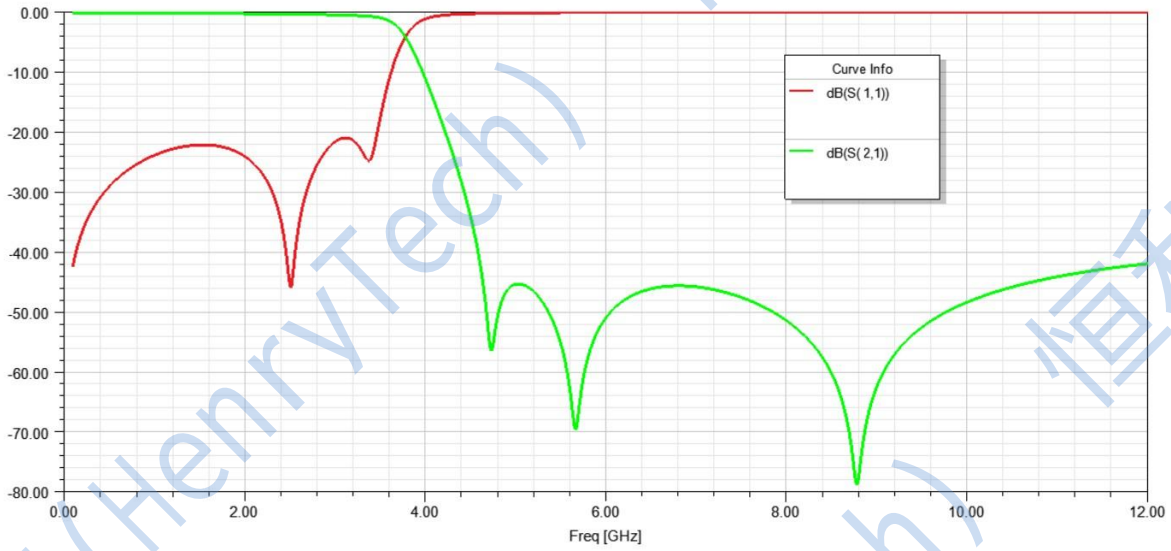
注意 Note：

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

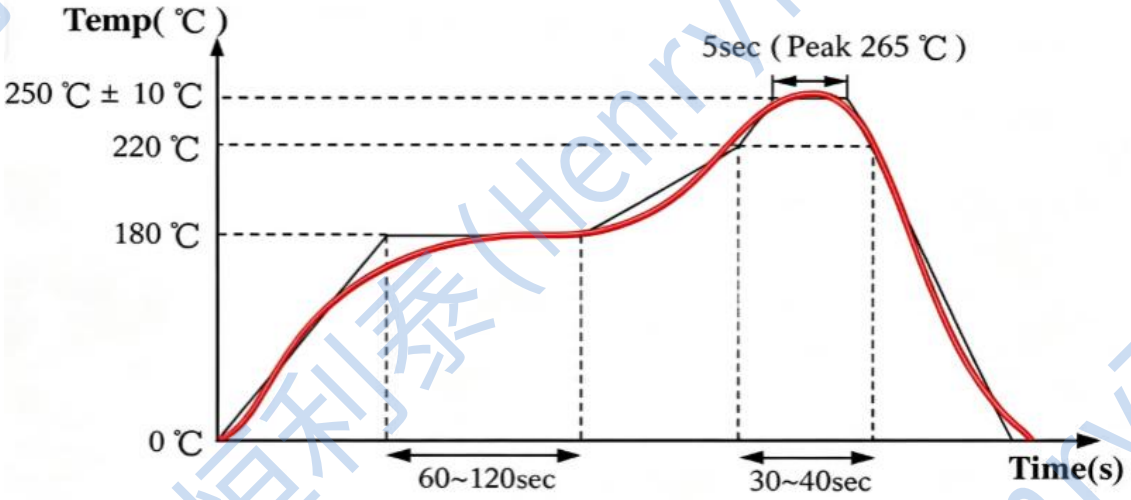
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LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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