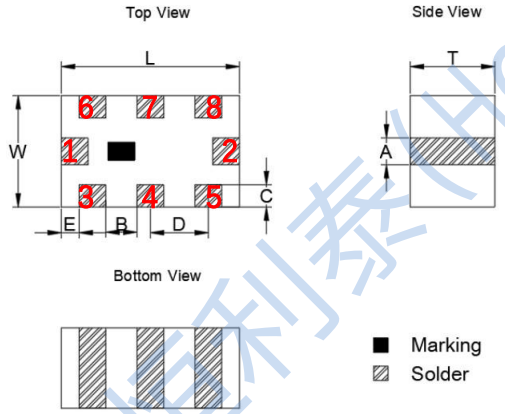
LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

产品型号（Product model）：HM-LFCG-1575+

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

No.	项目		指标
2	通带频率 Passband Frequency		DC-1575MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	DC~1575MHz	≤1.8dB
5	回波损耗 Return Loss	DC~1575MHz	≥10dB
6	带外抑制 OOBR	2175~2400MHz	≥20dB
		2400~7000MHz	≥40dB
		7000~12000MHz	≥20dB
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		2W

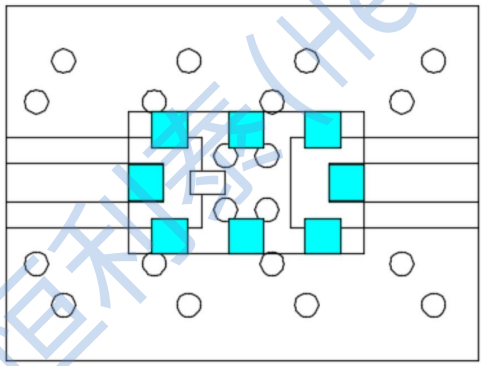
二、外形尺寸 Outline Drawing（Unit：mm）



L	2.00 ± 0.10
W	1.25 ± 0.10
T	0.84 ± 0.10
A	0.30 ± 0.10
B	0.35 ± 0.10
C	0.30 ± 0.10
D	0.65 ± 0.10
E	0.30 ± 0.10

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



四、焊盘尺寸 PCB Land Pattern

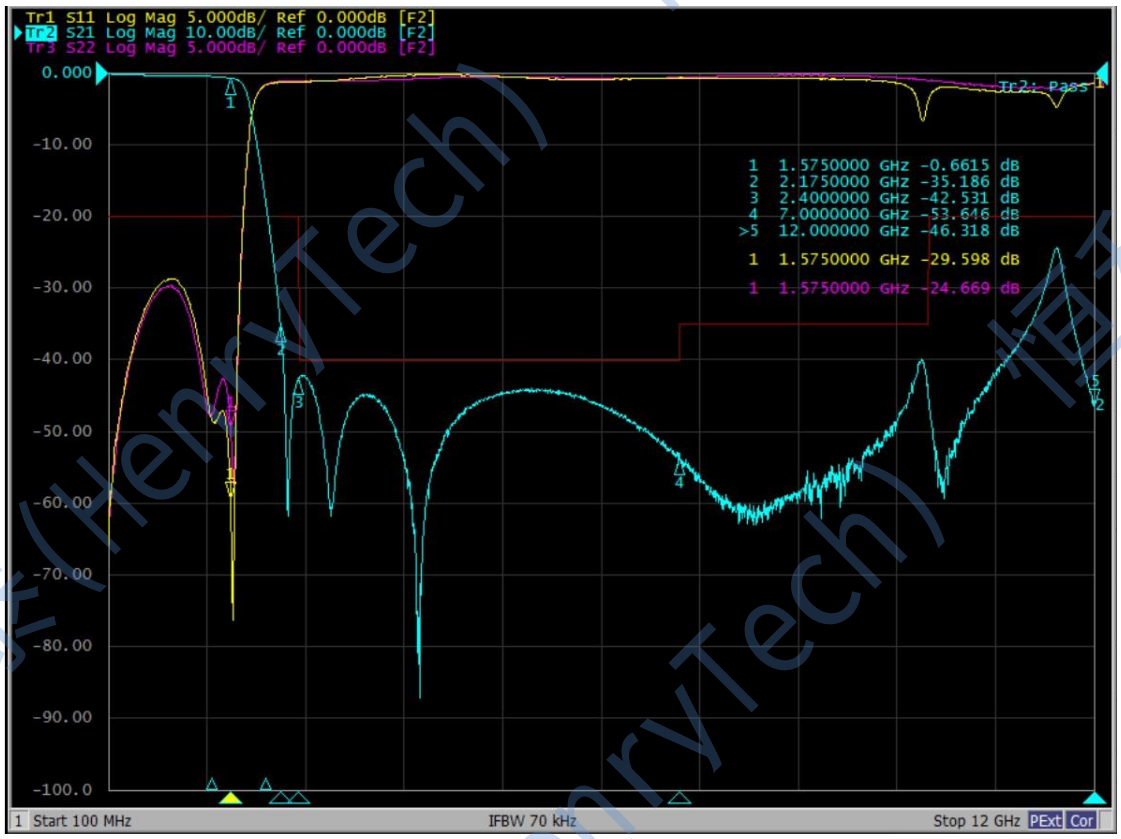
注意 Note：

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

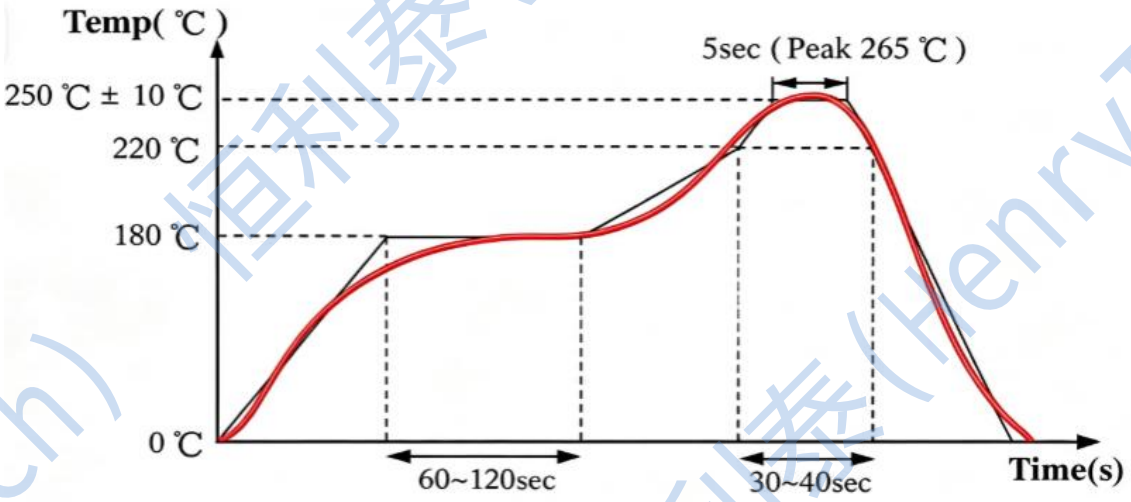
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LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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