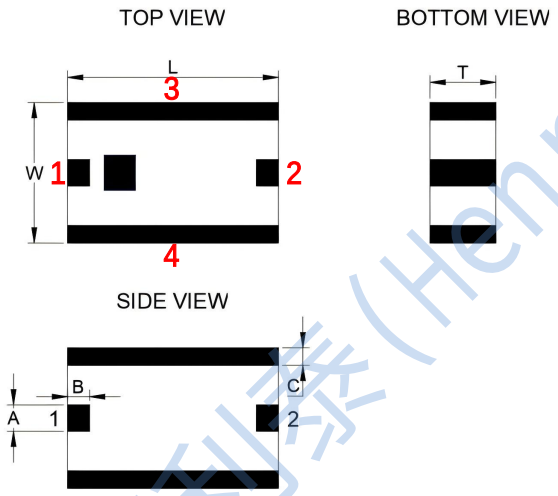
LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

产品型号（Product model）：HM-LP5032-2300M

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

No.	项目		指标
2	通带频率 Passband Frequency		DC-2300MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	DC~2300MHz	≤1.5dB
5	驻波比 VSWR	DC~2300MHz	≤1.6
6	带外抑制 OOBR	2500~3000MHz	≥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

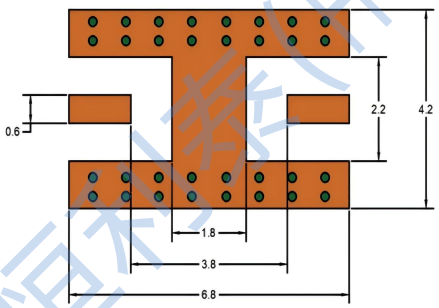
二、外形尺寸 Outline Drawing（Unit：mm）



L	5.00 ± 0.10
W	3.20 ± 0.10
T	1.50 ± 0.10
A	0.60 ± 0.10
B	0.40 ± 0.10
C	0.40 ± 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：

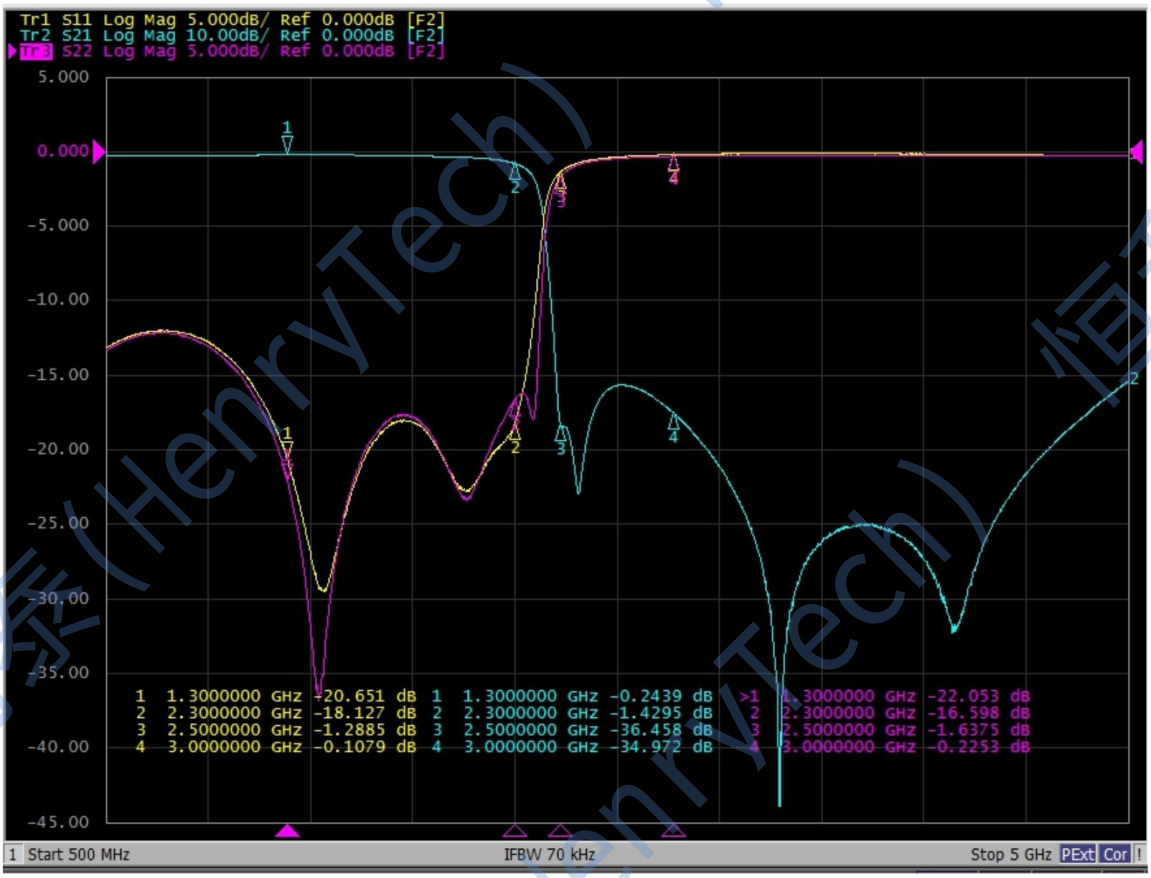
1. 单位 Unit：mm

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

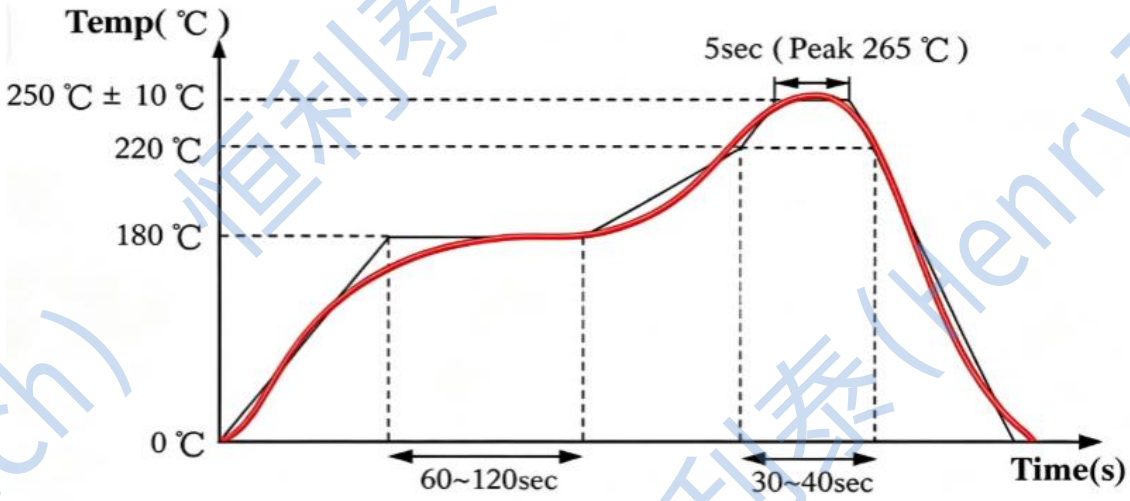
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LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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