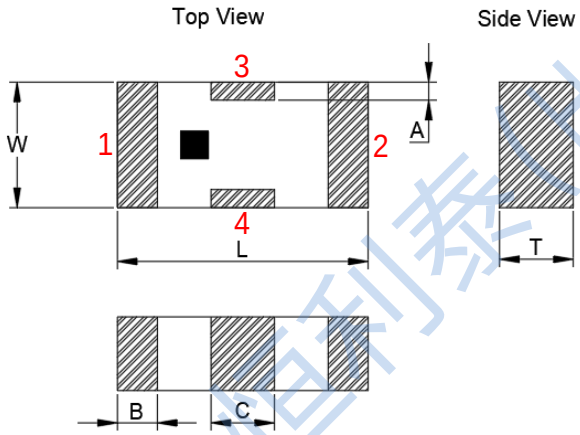
LTCC Bandpass Filter 低温共烧陶瓷带通滤波器

产品型号（Product model）：HM-BP3216-6300-600M

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

No.	项目		指标
1	中心频点 Center Frequency		6300MHz
2	通带频率 Passband Frequency		6000-6600MHz
3	阻抗 Input/Output mpedance		50Ω
4	插损 Insertion Loss	6000~6600MHz	≤3.5dB
5	纹波 Ripple	6000~6600MHz	≤0.6dB
6	驻波比 VSWR(In BW)	6000~6600MHz	≤1.5
7	带外抑制 OOBR	6900~7400MHz	≥15dB
8	工作温度 Operating Temperature		-40℃ ~ +85℃
9	存储温度 Storage Temperature		-40℃ ~ +85℃
10	最大输入功率 Input Power max		5W

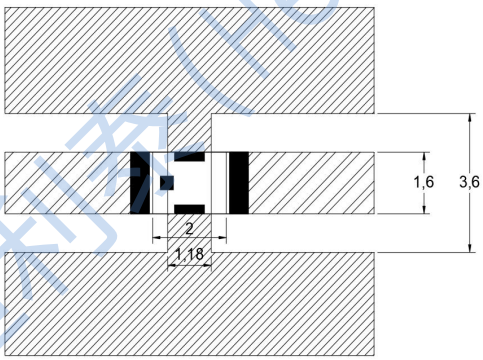
二、外形尺寸 Outline Drawing（Unit：mm）



L	3.20±0.20
W	1.60±0.20
T	0.94±0.10
A	0.23±0.10
B	0.51±0.10
C	0.81±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

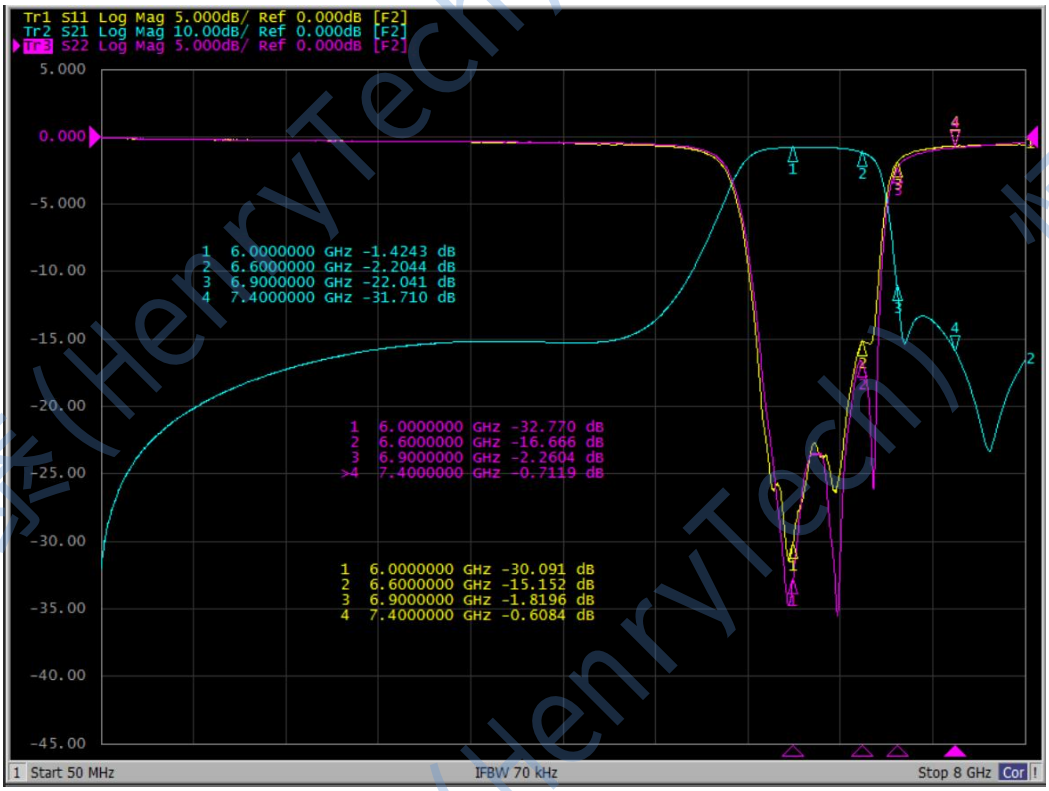
2. 线宽应设计为匹配 50Ω特性阻抗，具体取决于 PCB 材料和厚度。
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

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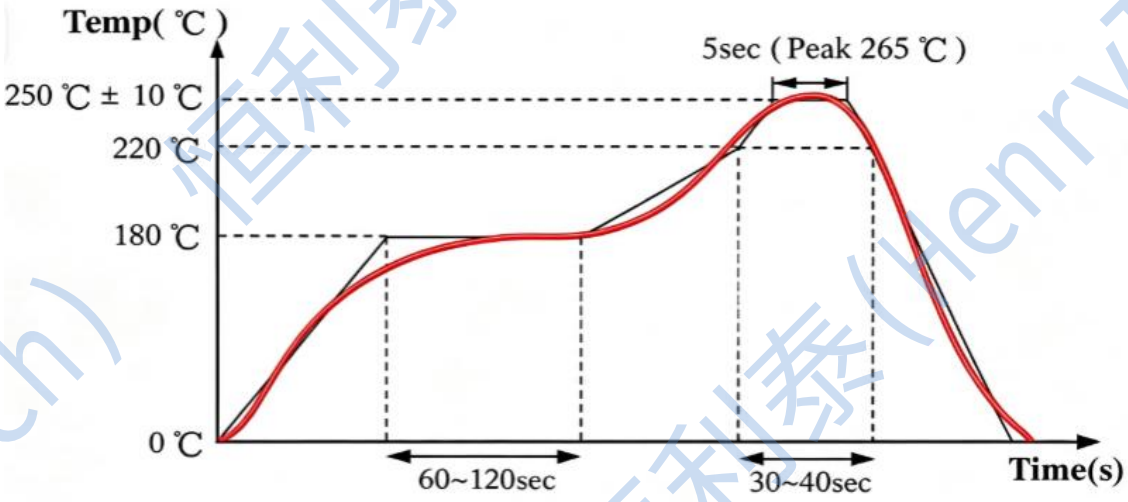
LTCC Bandpass Filter 低温共烧陶瓷带通滤波器

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五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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