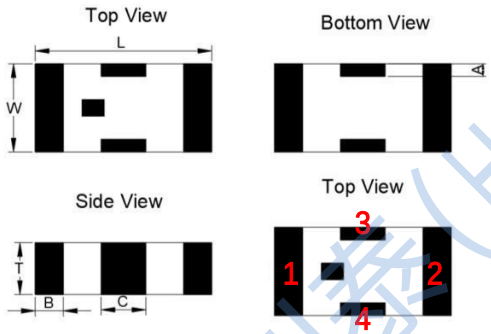
LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

产品型号（Product model）：HM-BP3216-3100-2200M

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

No.	项目		指标
1	中心频点 Center Frequency		3100MHz
2	通带频率 Passband Frequency		2000-4200MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	2000~4200MHz	≤2.0dB
5	驻波比 VSWR	2000~4200MHz	≤2.0
6	带外抑制 OOBR	DC~1000MHz	≥20dB
		5200~7000MHz	≥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		1W

二、外形尺寸 Outline Drawing（Unit：mm）

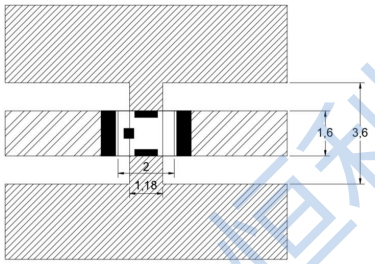


L	3.20 ± 0.20
W	1.60 ± 0.20
T	0.94 ± 0.20
A	0.23 ± 0.10
B	0.51 ± 0.10
C	0.81 ± 0.10

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



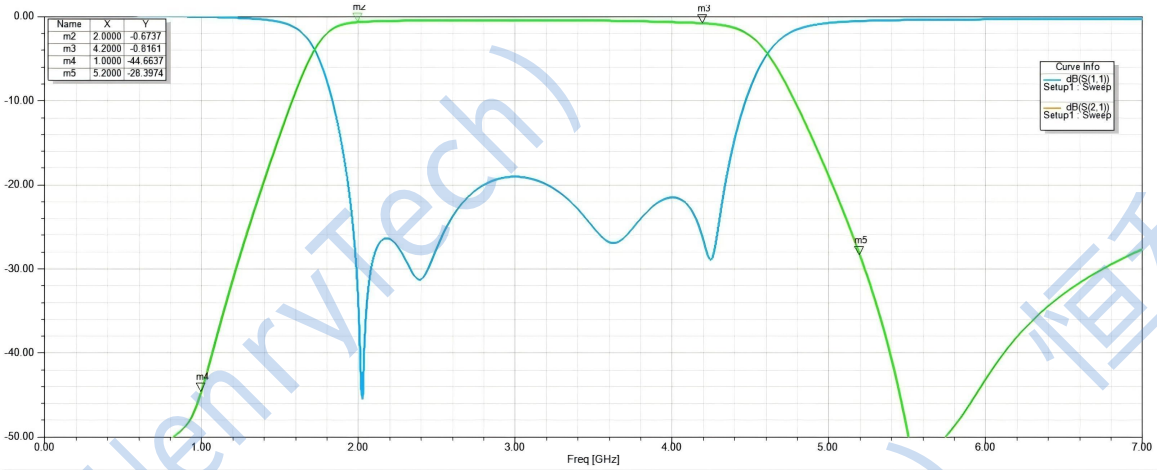
注意 Note：

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

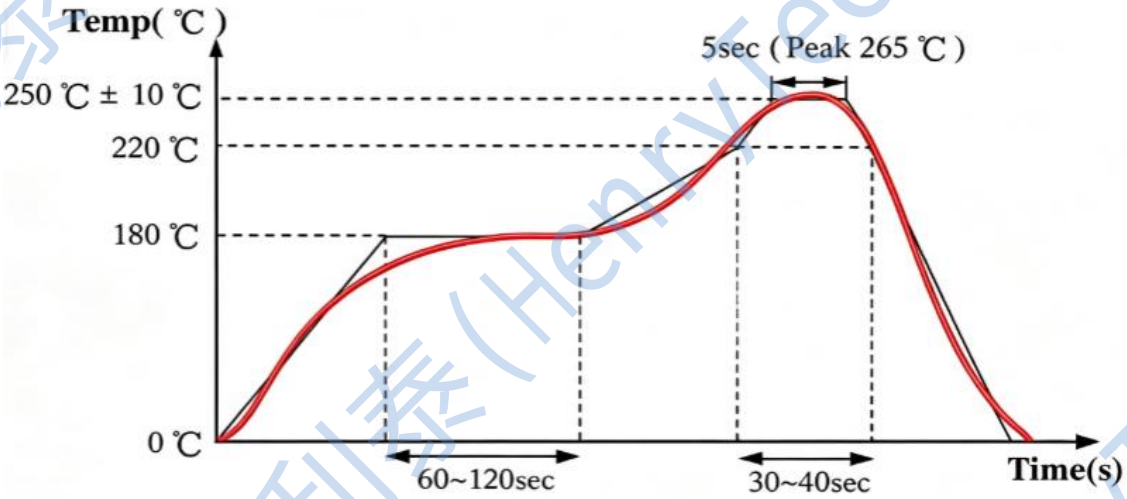
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LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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