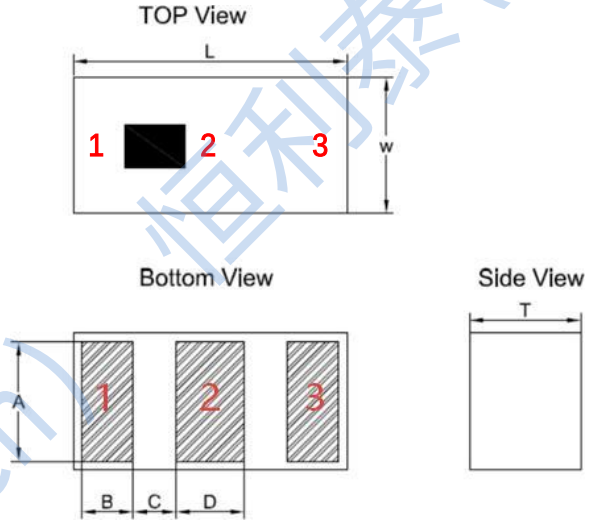
LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

产品型号（Product model）：HM-BP1608-1915-220M

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

No.	项目		指标
1	中心频点 Center Frequency		1915MHz
2	通带频率 Passband Frequency		1805-2025MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	1805~2025MHz	≤1.85dB
5	驻波比 VSWR	1805~2025MHz	≤2.0
6	带外抑制 OOBR	700~950MHz	≥30dB
		950~1050MHz	≥15dB
		2400~2500MHz	≥25dB
		2700~5400MHz	≥30dB
		5500~6200MHz	≥25dB
		9350~10150MHz	≥25dB
		10500~12750MHz	≥10dB
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	1.60 ± 0.10
W	0.80 ± 0.10
T	0.60 ± 0.10
A	0.70 ± 0.10
B	0.27 ± 0.10
C	0.28 ± 0.10
D	0.40 ± 0.10

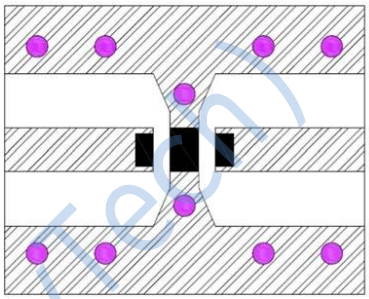
三、引脚定义 Pin Connections

输入 input Port	1
接地 GND	2
输出 output Port	3

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LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

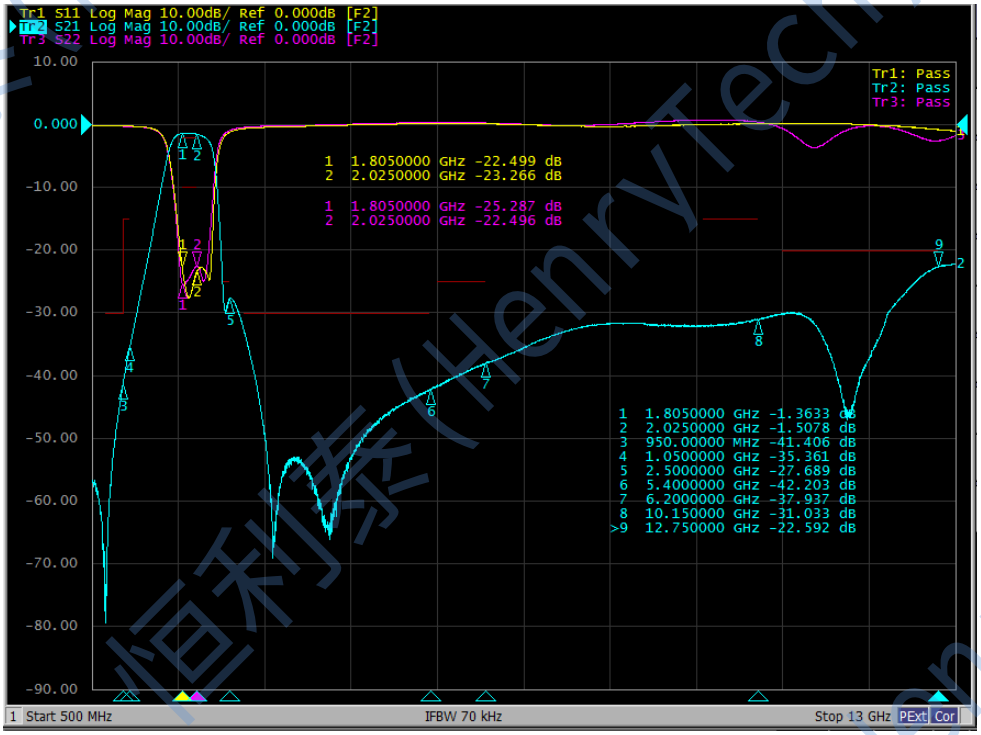
四、焊盘尺寸 PCB Land Pattern



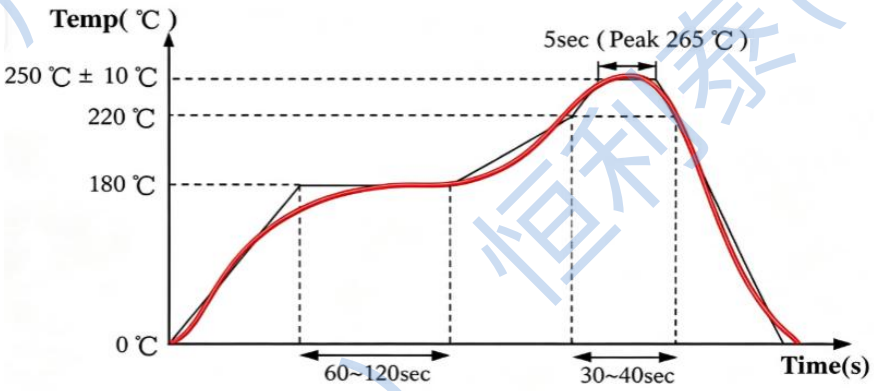
注意 Note：

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

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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