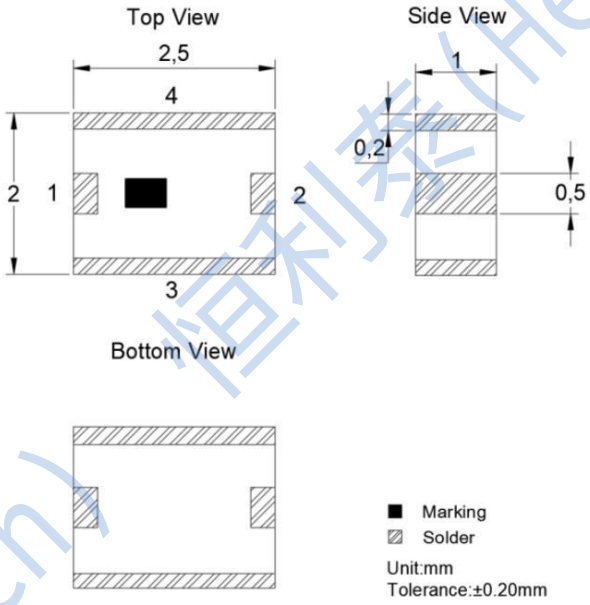
# LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

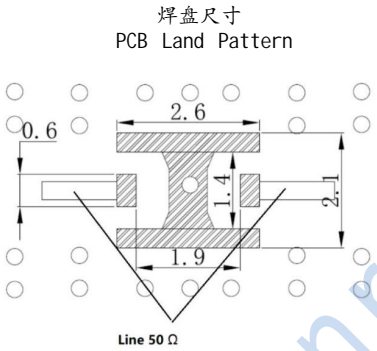
## 产品型号（Product model）：HM-BP2520-2450-100M

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

| No. | 项目 | | 指标 |
|---|---|---|---|
| 1 | 中心频点 Center Frequency | | 2450MHz |
| 2 | 通带频率 Passband Frequency | | 2400-2500MHz |
| 3 | 阻抗 Impedance | | 50Ω |
| 4 | 插损 Insertion Loss @25℃ | 2400~2500MHz | ≤0.75dB |
| 5 | 纹波 Ripple | 2400~2500MHz | ≤0.6dB |
| 6 | 驻波比 VSWR | 2400~2500MHz | ≤2.0 |
| 7 | 带外抑制 OOBR | 880~1785MHz | ≥30dB |
| | | 1850~1910MHz | ≥25dB |
| | | 4800~5000MHz | ≥20dB |
| | | 7200~7500MHz | ≥20dB |
| 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 | | 1W |

## 二、外形尺寸 Outline Drawing（Unit：mm）




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

## 三、引脚定义 Pin Connections

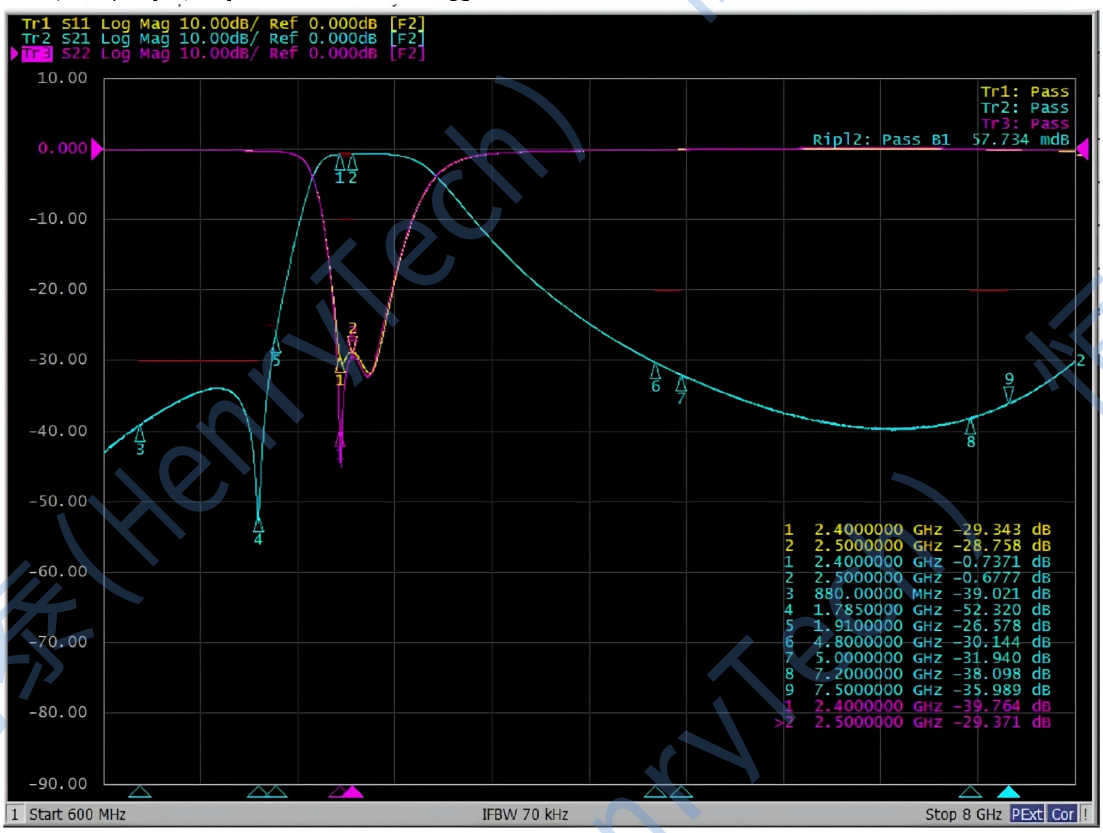
| | |
|---|---|
| 输入 input Port | 1 |
| 输出 output Port | 2 |
| 接地 GND | 3、4 |



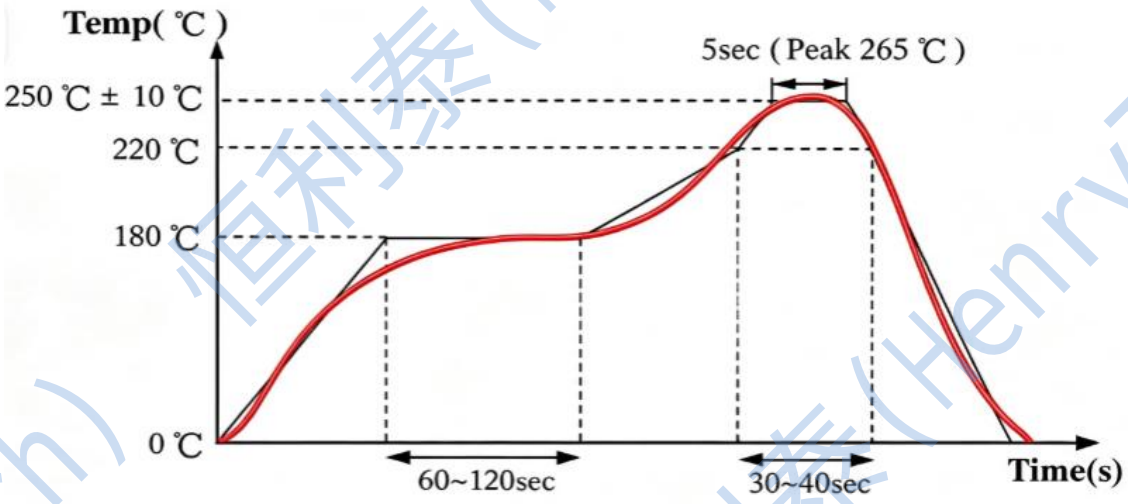
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# LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

## 五、测试曲线 Test Curve @25℃




## 六、回流焊温度 Reflow Soldering Temperature






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