# LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

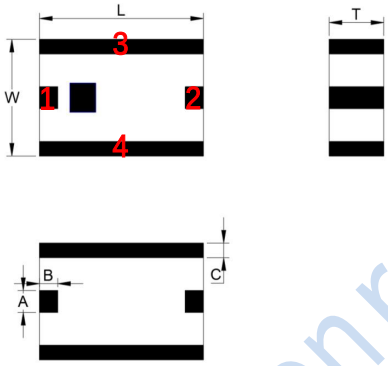
## 产品型号（Product model）：HM-BP5032-625-160M

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

| No. | 项目 | | 指标 |
|---|---|---|---|
| 1 | 中心频点 Center Frequency | | 625MHz |
| 2 | 通带频率 Passband Frequency | | 545-705MHz |
| 3 | 阻抗 Impedance | | 50Ω |
| 4 | 插损 Insertion Loss | 545~705MHz | ≤3.0dB |
| 5 | 纹波 Ripple | 545~705MHz | ≤1.0dB |
| 6 | 驻波比 VSWR | 545~705MHz | ≤1.5 |
| 7 | 衰减系数 ATT | 40dB/1dBc rectangular coefficient | ≤3.0 |
| 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 | | 1W |

## 二、外形尺寸 Outline Drawing（Unit：mm）

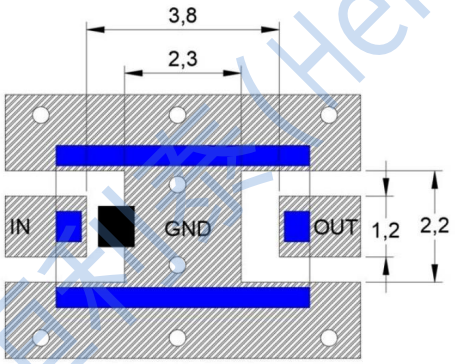
| | |
|---|---|
| L | 5.00±0.20 |
| W | 3.20±0.20 |
| T | 1.50±0.20 |
| A | 0.60±0.10 |
| B | 0.40±0.10 |
| C | 0.40±0.10 |




## 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：

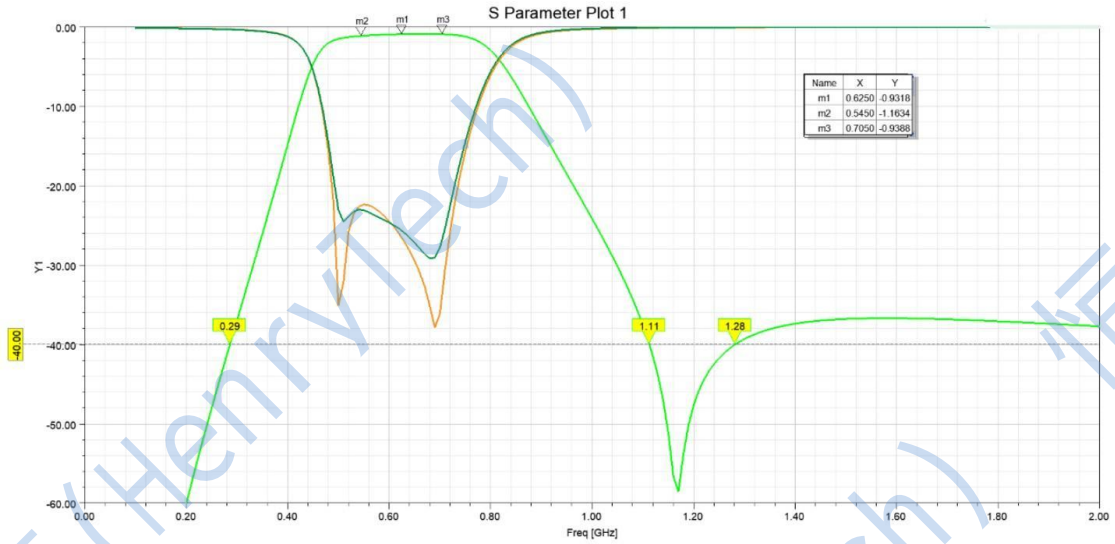
1. 单位 Unit：mm
2. 线宽应设计为匹配 50Ω 特性阻抗，具体取决于 PCB 材料和厚度。
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

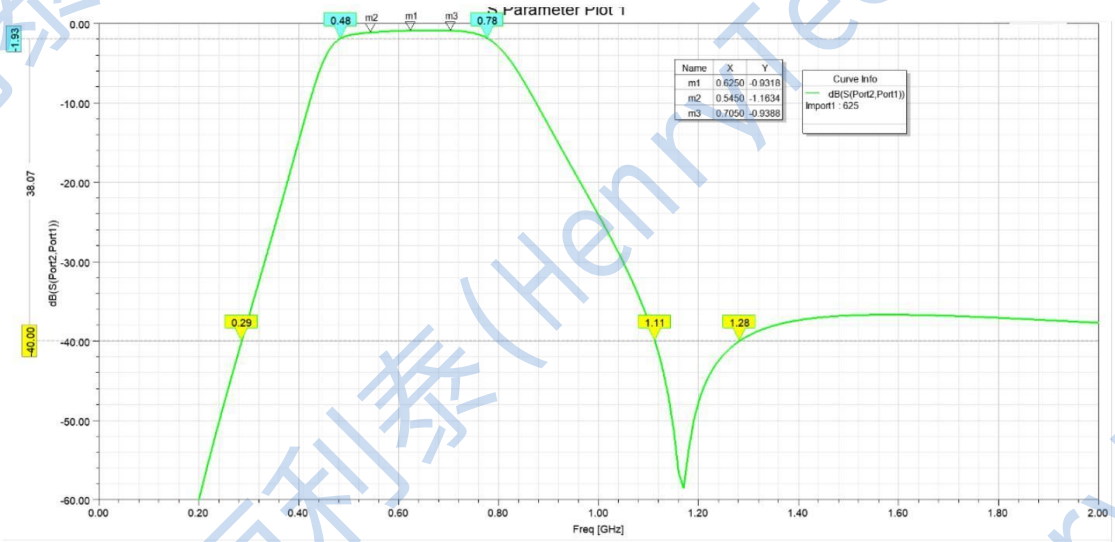


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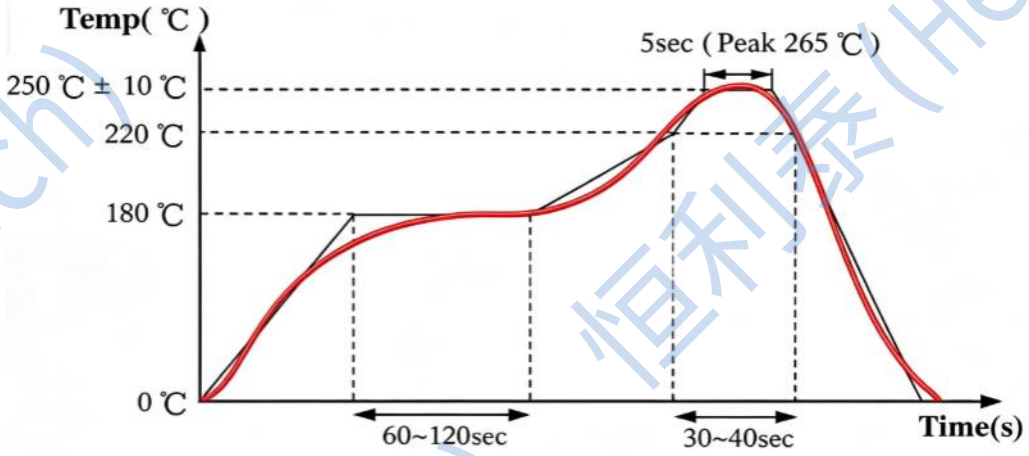
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## 五、测试曲线 Test Curve @ 25℃




## 六、回流焊温度 Reflow Soldering Temperature






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