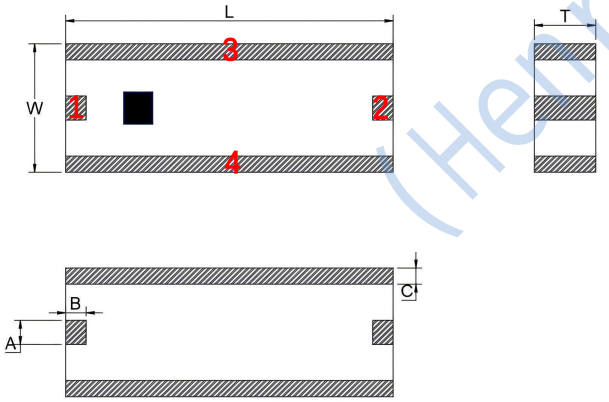
LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

产品型号（Product model）：HM-BP8032-288-45M

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

No.	项目		指标
1	中心频点 Center Frequency		288MHz
2	通带频率 Passband Frequency		265-310MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	265~310MHz	≤3.5dB
5	驻波比 VSWR	265~310MHz	≤2.0
6	带外抑制 OOBR	238MHz	≥18dB
		341MHz	≥28dB
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		5W

二、外形尺寸 Outline Drawing（Unit：mm）

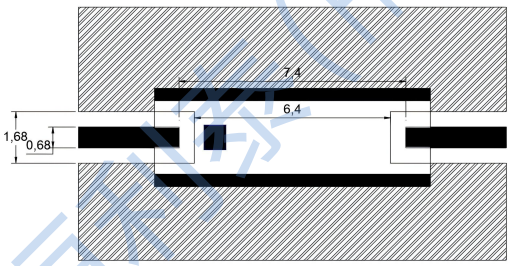


L	8.00 ± 0.20
W	3.20 ± 0.20
T	1.50 ± 0.20
A	0.60 ± 0.10
B	0.50 ± 0.10
C	0.40 ± 0.10

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



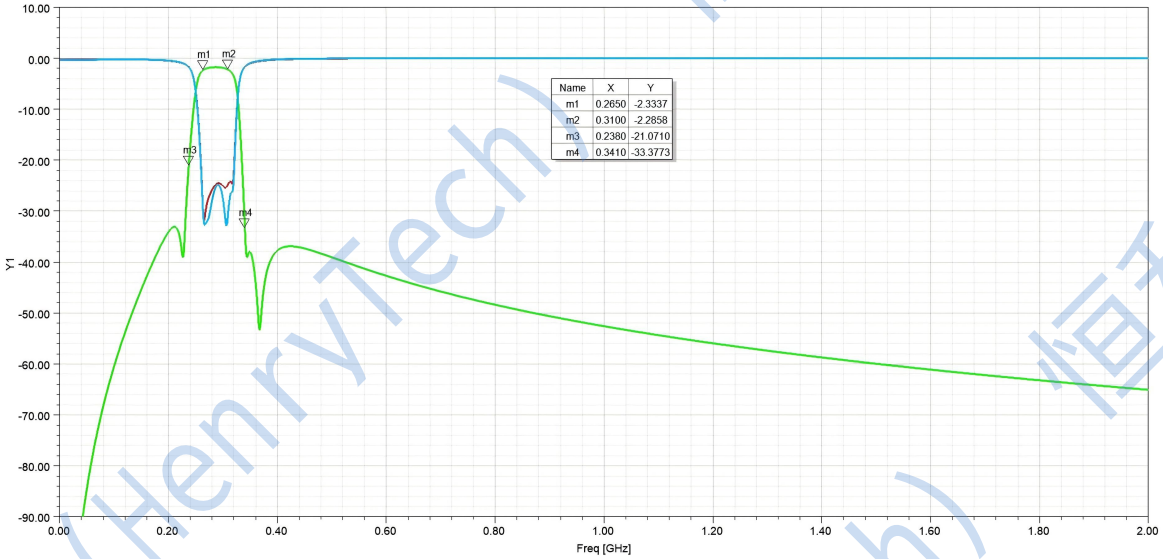
注意 Note：

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

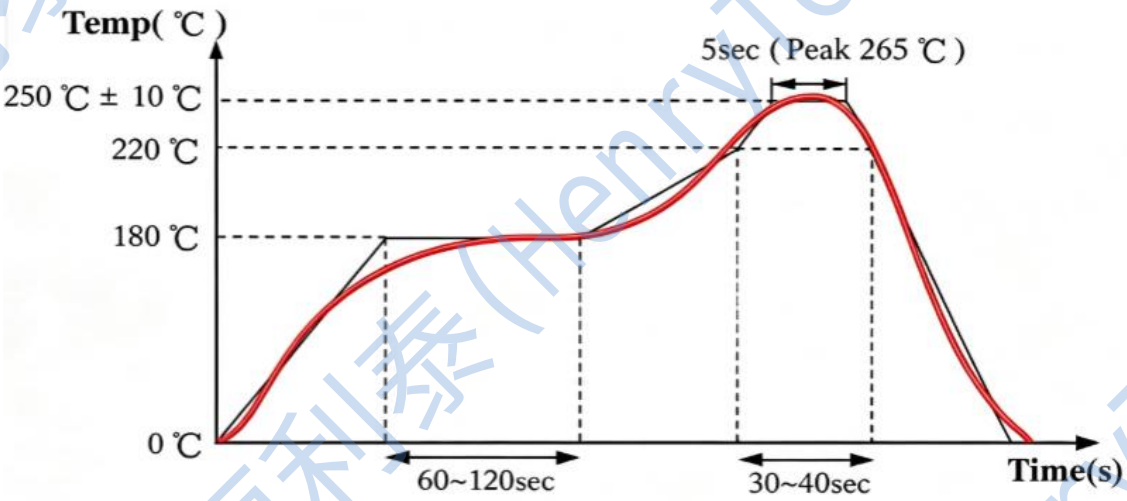
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LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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