LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

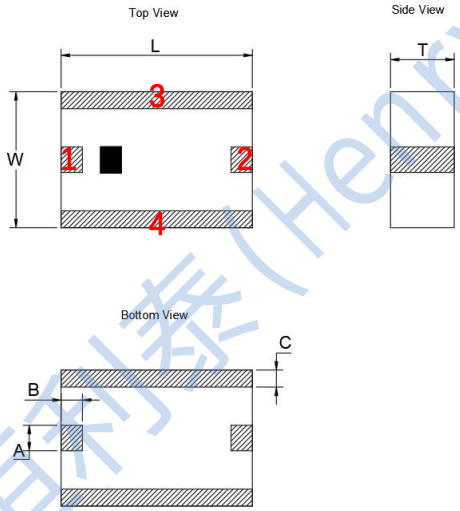
产品型号（Product model）：HM-BP4532-2575-20M

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

No.	项目		指标
1	中心频点 Center Frequency		2575MHz
2	通带频率 Passband Frequency		2565-2585MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	2565~2585MHz	≤4.0dB
5	纹波 Ripple	2565~2585MHz	≤0.3dB
6	驻波比 VSWR	2565~2585MHz	≤
7	带外抑制 OOBR	165~185MHz	≥60dB
		330~1815MHz	≥30dB
		1815~1835MHz	≥35dB
		1835~2070MHz	≥30dB
		2400MHz	≥20dB
		2730~2770MHz	≥20dB
		4060~5540MHz	≥40dB
		6645~7755MHz	≥30dB
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		2.5W

二、外形尺寸 Outline Drawing（Unit：mm）

L	4.50±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



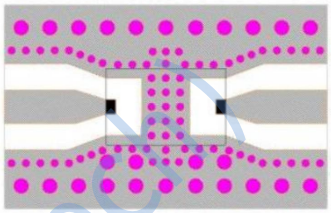
三、引脚定义 Pin Connections

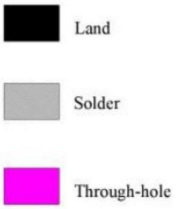
输入 input Port	1
输出 output Port	2
接地 GND	3、4

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四、焊盘尺寸 PCB Land Pattern



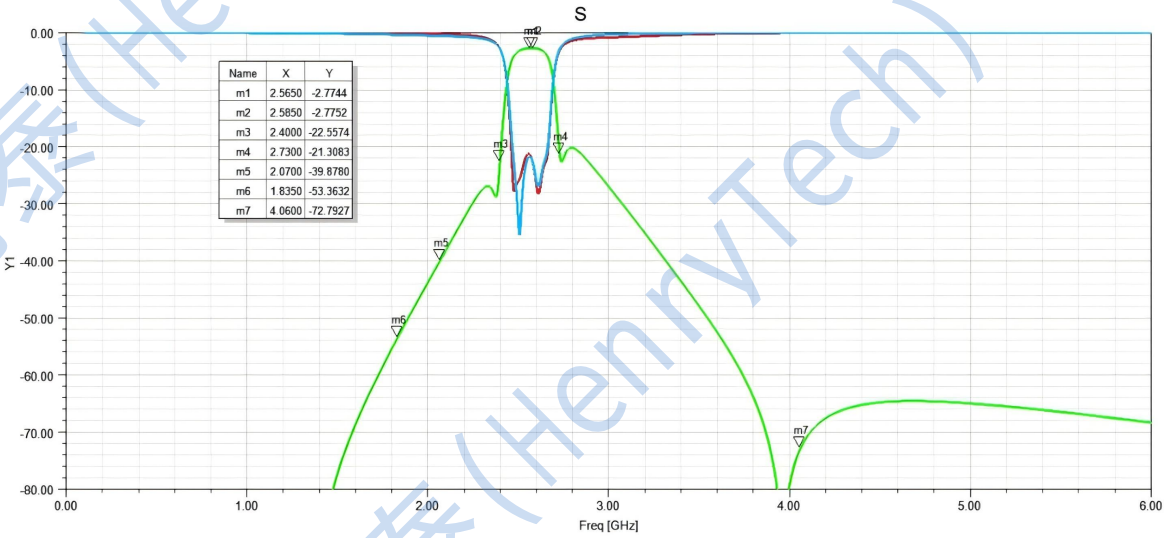


注意 Note：

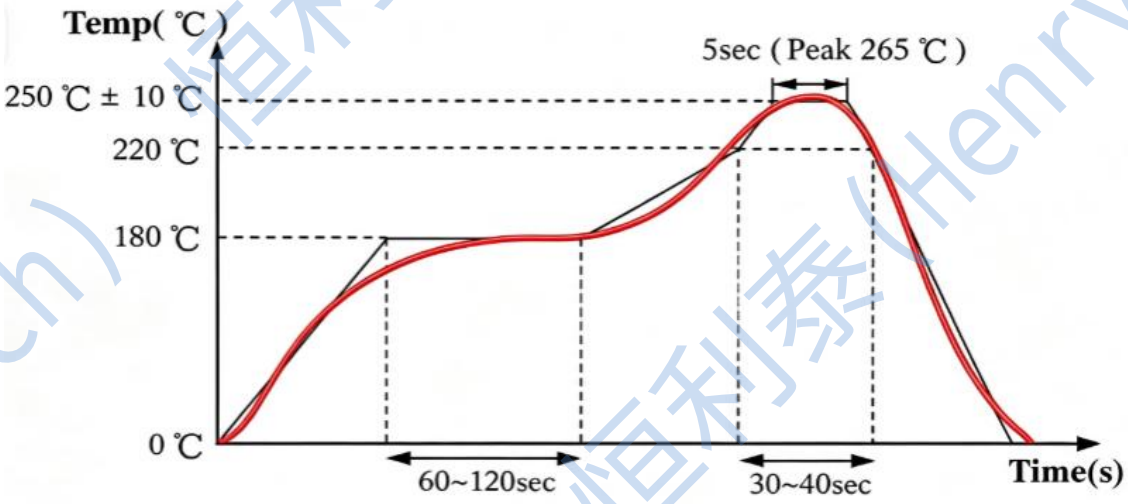
1. 单位 Unit: mm

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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