LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

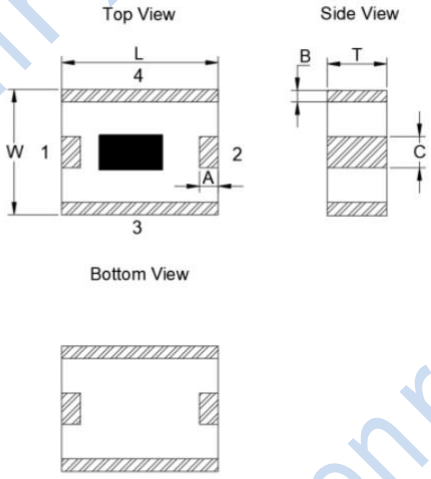
产品型号（Product model）：HM-BP2520-5800-400M

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

No.	项目		指标
1	中心频点 Center Frequency		5800MHz
2	通带频率 Passband Frequency		5600-6000MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	5600~6000MHz	≤3.0dB
		5450~6150MHz	≤4.0dB
		5300~6300MHz	≤6.0dB
5	驻波比 VSWR	5600~6000MHz	≤2.0
6	带外抑制 OOBR	4000MHz	≥50dB
		11200~12000MHz	≥45dB
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		1W

二、外形尺寸 Outline Drawing（Unit：mm）

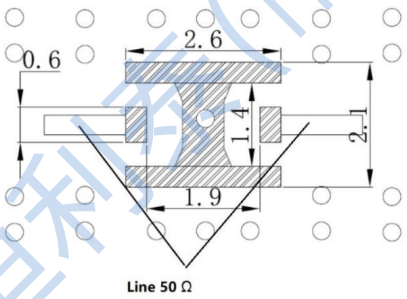
L	2.50 ± 0.20
W	2.00 ± 0.20
T	1.00 ± 0.20
A	0.30 ± 0.10
B	0.20 ± 0.10
C	0.50 ± 0.20



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



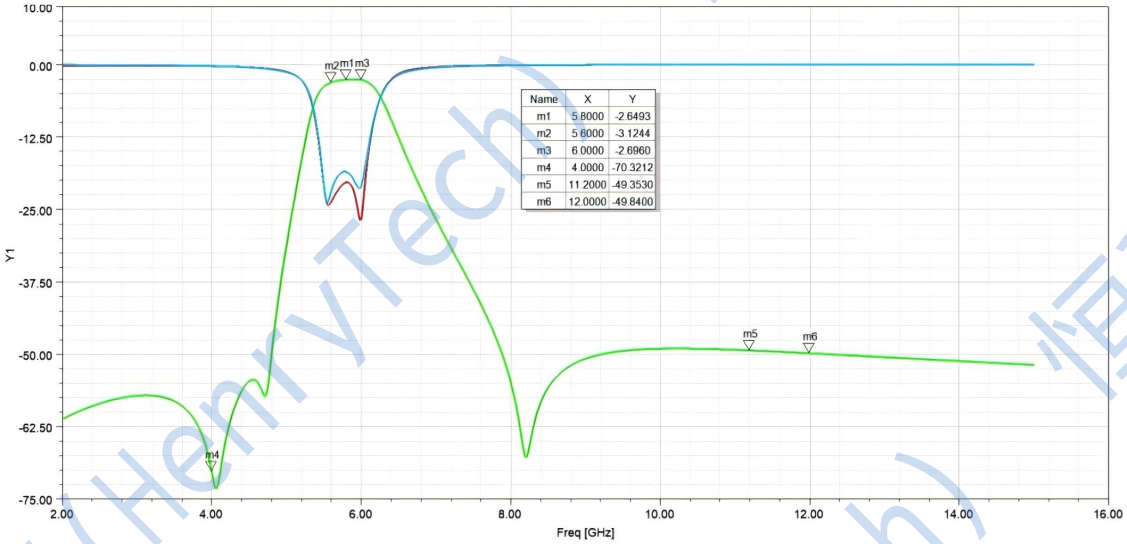
注意 Note：

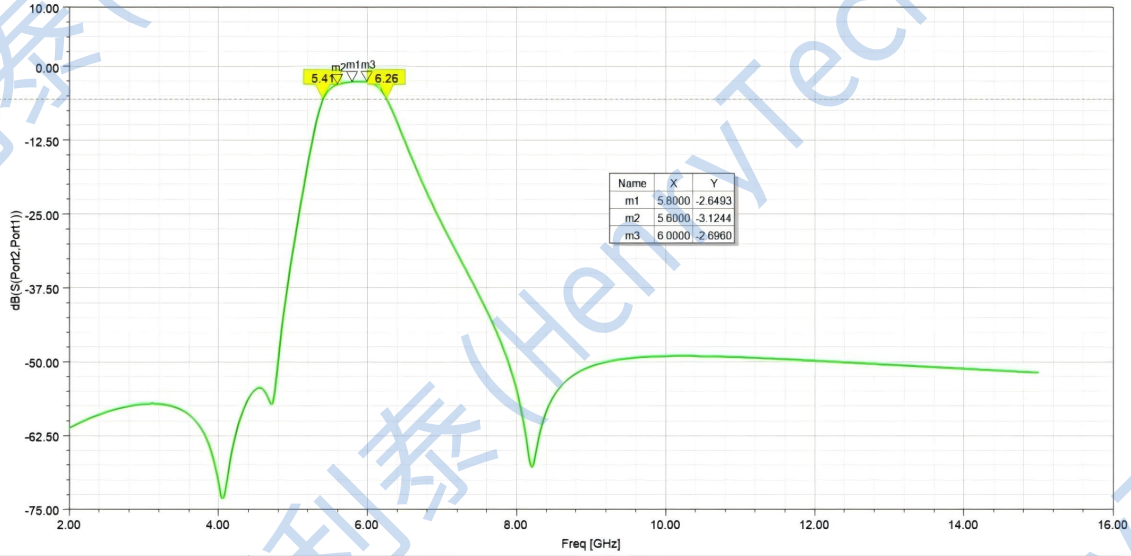
1. 单位 Unit: mm
2. 线宽应设计为匹配 50Ω特性阻抗，具体取决于 PCB 材料和厚度。
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

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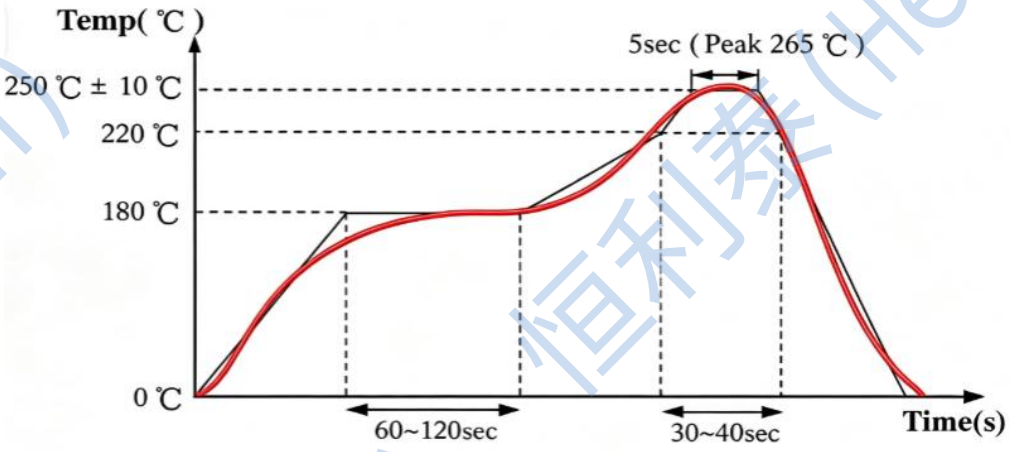
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五、测试曲线 Test Curve @ 25℃





六、回流焊温度 Reflow Soldering Temperature



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