LTCC Bandpass Filter 低温共烧陶瓷带通滤波器

产品型号（Product model）：HM-BFCN-5151+

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

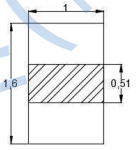
No.	项目		指标
1	中心频点 Center Frequency		5280MHz
2	通带频率 Passband Frequency		4120-6440MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	4120~6440MHz	≤3.0dB
5	回波损耗 Return loss	4120~6440MHz	≥12.7dB
6	带外抑制 OOBR	DC~3000MHz	≥20dB
		8820~10450MHz	≥20dB
		10450~14250MHz	≥15dB
7	工作温度 Operating Temperature		-40℃ ~ +85℃
8	存储温度 Storage Temperature		-40℃ ~ +85℃
9	最大输入功率 Input Power max		1W

二、外形尺寸 Outline Drawing（Unit：mm）

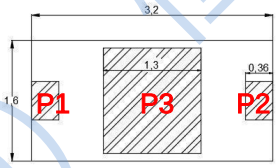
Top View



Side View

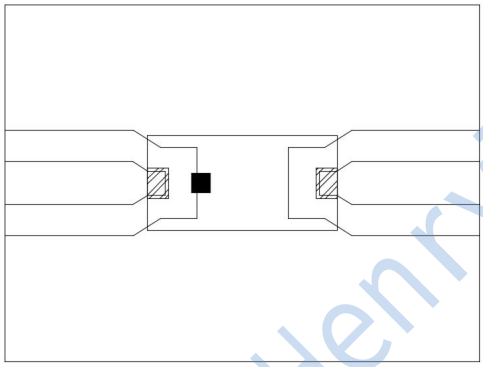


Bottom View





焊盘尺寸PCB Land Pattern



三、引脚定义 Pin Connections

输入 input Port	1
输出 output Port	2
接地 GND	3

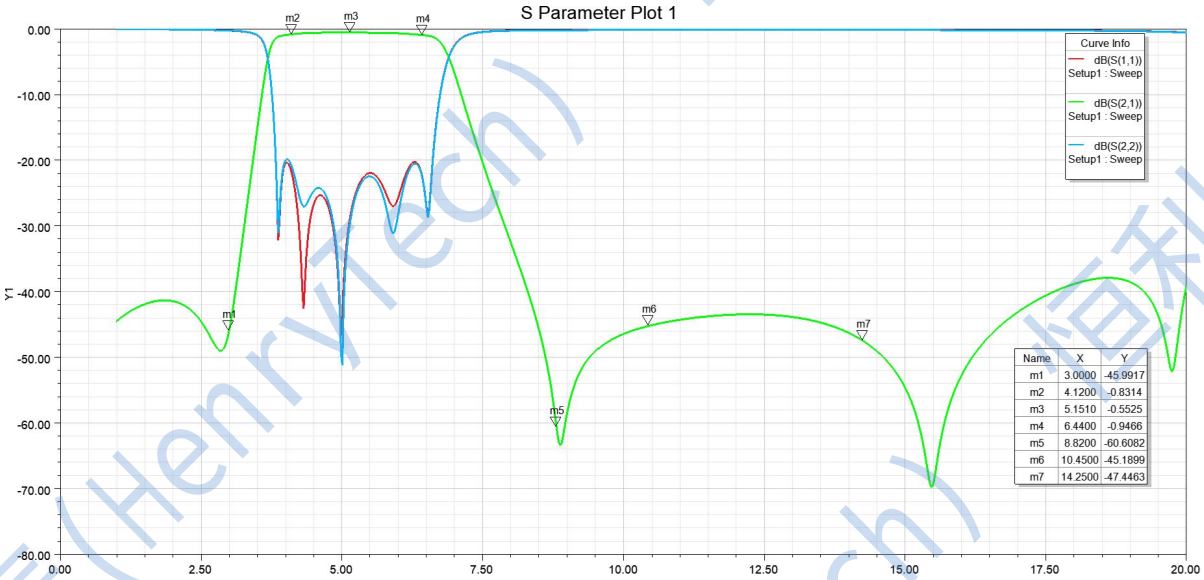
注意 Note：

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 50Ω characteristic impedance, depending on
3. PCB material and thickness

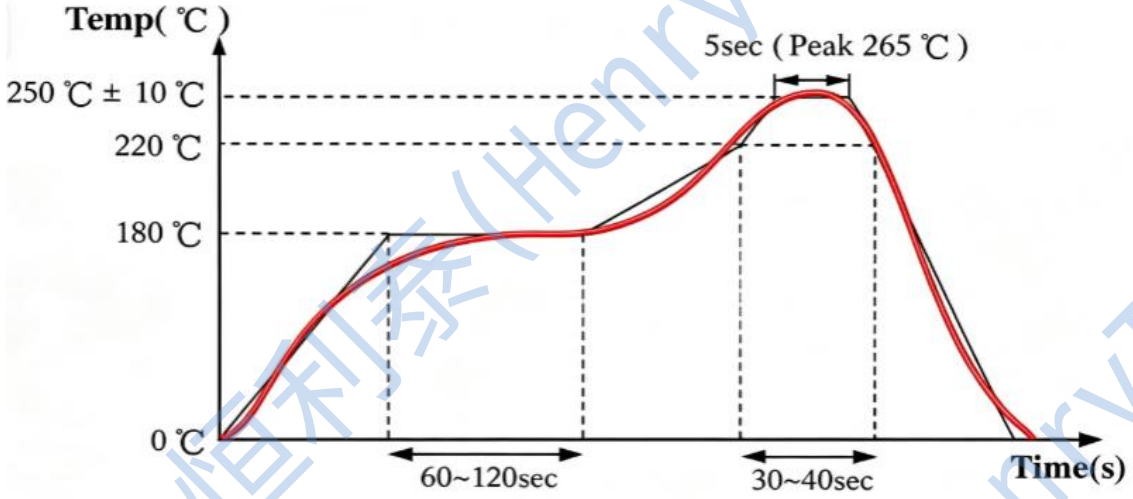
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五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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