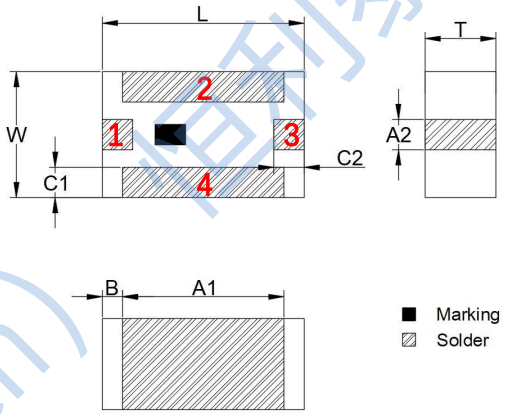
LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

产品型号（Product model）：HM-BP2012-7240-2000M

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

No.	项目		指标
1	中心频点 Center Frequency		7240MHz
2	通带频率 Passband Frequency		6240-8240MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss @25℃	6240~8240MHz	≤2.0dB
	插损 Insertion Loss @-40 to +85℃	6240~8240MHz	≤2.3dB
5	驻波比 VSWR	6240~8240MHz	≤2.21
6	带外抑制 OOBR	698~2200MHz	≥30dB
		2300~3800MHz	≥30dB
		5150~5470MHz	≥19dB
		5470~5725MHz	≥3dB
		12500~16500MHz	≥17dB
		18700~20000MHz	≥6dB
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		0.5W

二、外形尺寸 Outline Drawing（Unit：mm）



L	2.00 ± 0.10
W	1.25 ± 0.10
T	0.70 max
A1	1.50 ± 0.10
A2	0.30 ± 0.10
B	0.25 ± 0.10
C1	0.20 ± 0.10
C2	0.20 ± 0.10

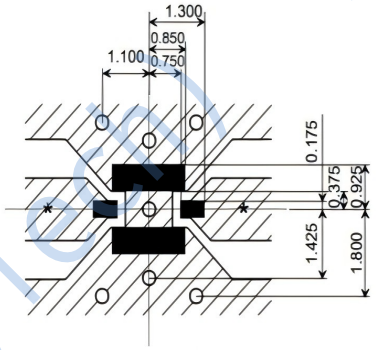
三、引脚定义 Pin Connections

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

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LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

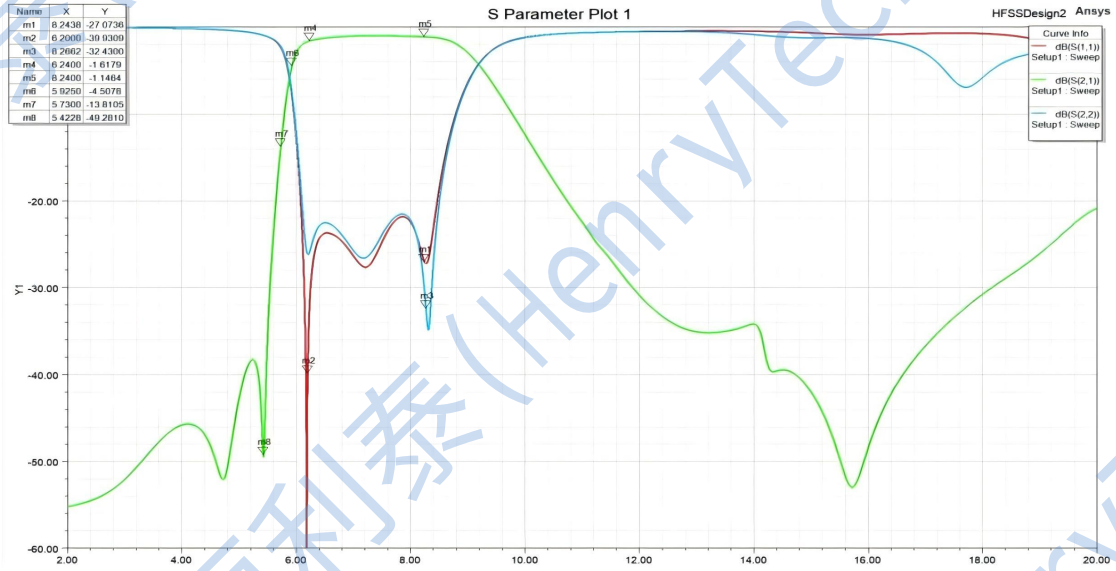
四、焊盘尺寸 PCB Land Pattern



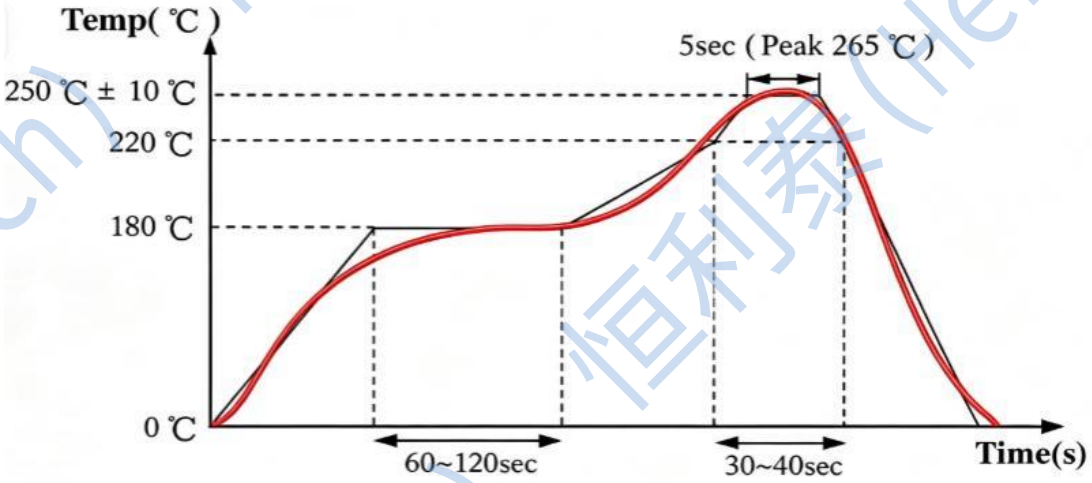
注意 Note：

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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