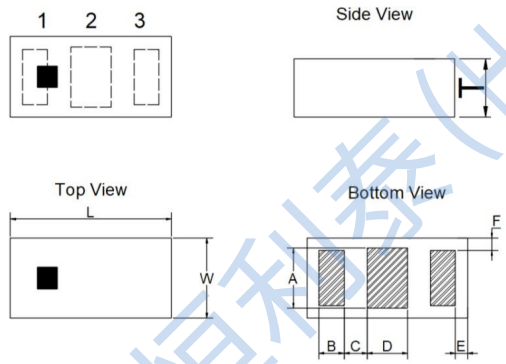
LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

产品型号（Product model）：HM-BP1608-3550-500M

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

No.	项目		指标
1	中心频点 Center Frequency		3550MHz
2	通带频率 Passband Frequency		3300-3800MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	3300~3800MHz	≤2.6dB
5	回波损耗 Return Loss	3300~3800MHz	≥10dB
6	带外抑制 OOBR	1400~2000MHz	≥30dB
		2400~2700MHz	≥25dB
		4900~5850MHz	≥30dB
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）

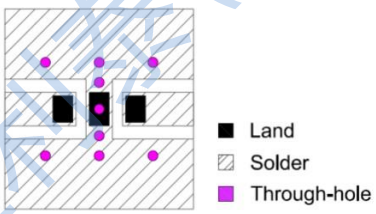


L	1.60 ± 0.10
W	0.80 ± 0.10
T	0.60 ± 0.10
A	0.60 ± 0.10
B	0.25 ± 0.10
C	0.25 ± 0.10
D	0.40 ± 0.10
E	0.10 ± 0.10
F	0.13 ± 0.10

三、引脚定义 Pin Connections

输入 input Port	1
输出 output Port	3
接地 GND	2

四、焊盘尺寸 PCB Land Pattern



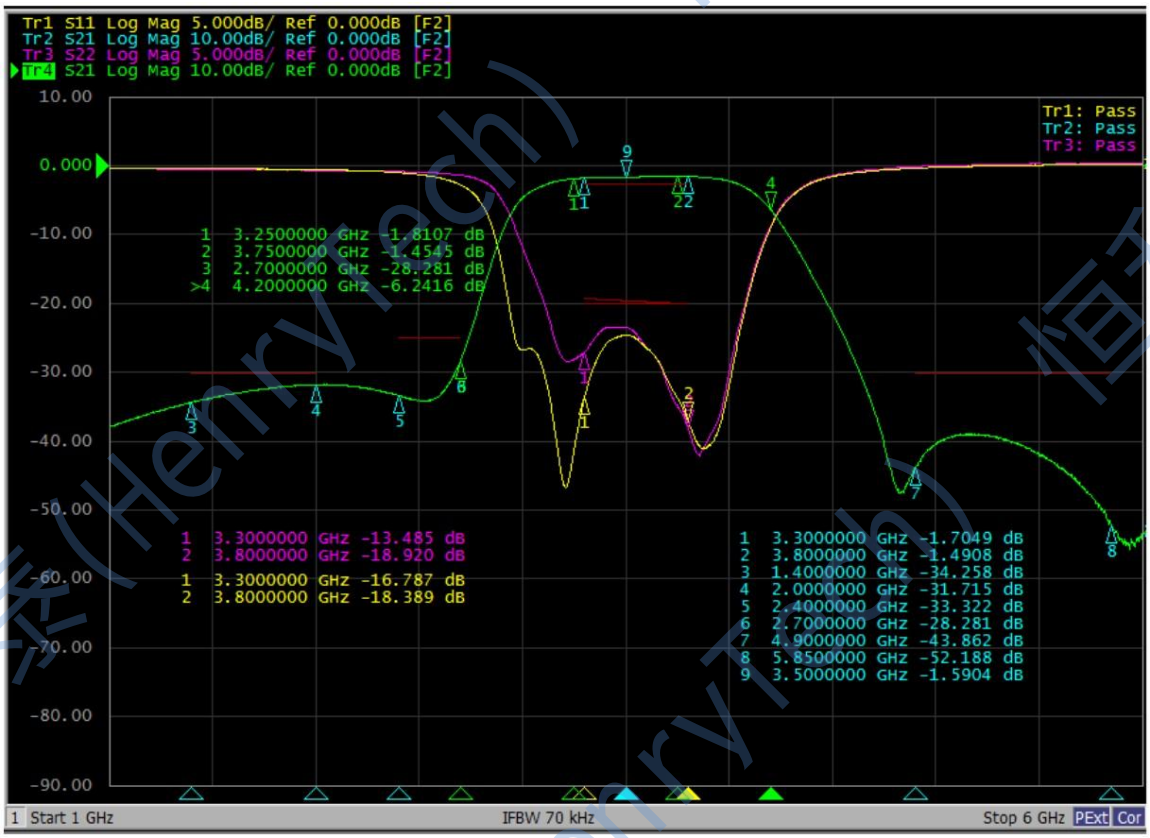
注意 Note：

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

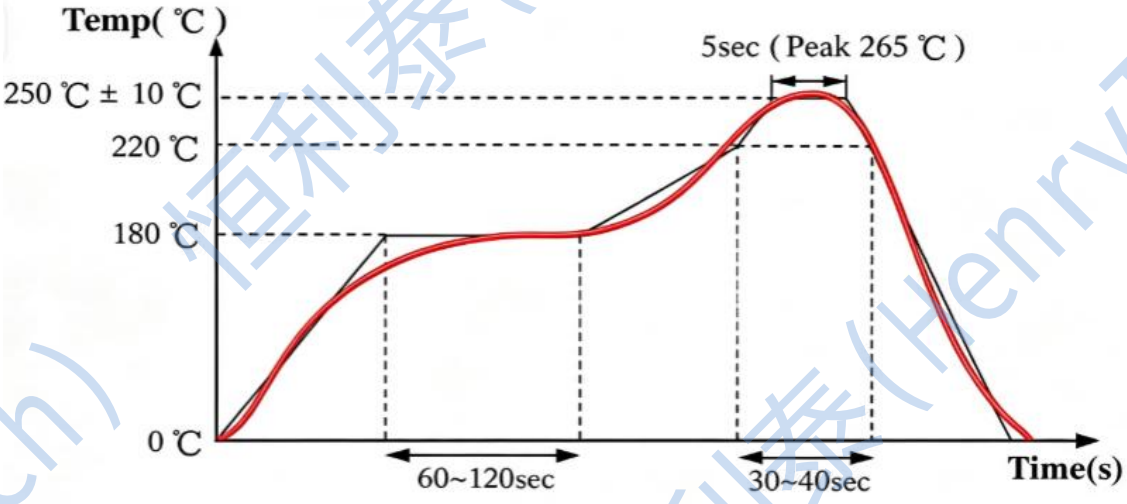
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LTCC Bandpass Filter 低温共烧陶瓷 带通滤波器

五、测试曲线 Test Curve @ 25℃



六、回流焊温度 Reflow Soldering Temperature



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