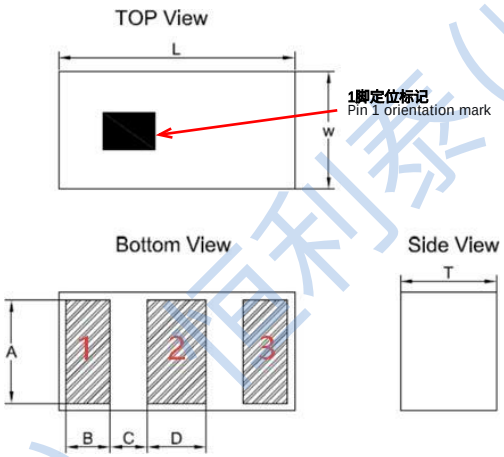
LTCC Bandpass Filter 低温共烧陶瓷带通滤波器

产品型号（Product model）：HM-BP1608-5500-800M-2

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

No.	项目		指标
1	中心频点 Center Frequency		5500MHz
2	通带频率 Passband Frequency		5150-5950MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss	5150~5950MHz	≤0.85dB
5	回波损耗 Return Loss	5150~5950MHz	≥10dB
6	带外抑制 OOBR	30~2700MHz	≥35dB
		3400~3800MHz	≥28dB
		7250~7800MHz	≥28dB
		10300~11700MHz	≥3.5dB
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）

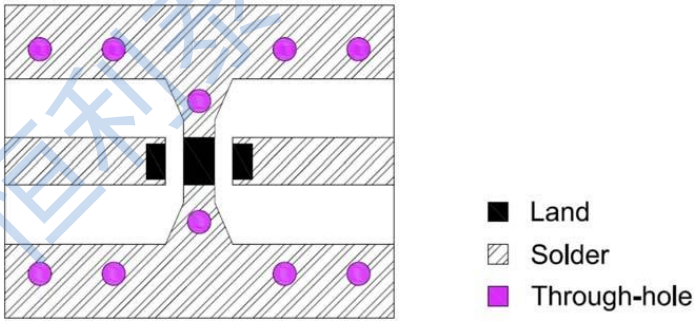


L	1.60±0.10
W	0.80±0.10
T	0.60±0.10
A	0.70±0.10
B	0.30±0.10
C	0.25±0.10
D	0.4±0.10

三、引脚定义 Pin Connections

输入 input Port	1
接地 GND	2
输出 output Port	3

四、焊盘尺寸 PCB Land Pattern



Tel:+86-28-85589664
E-mail:428858430@qq.com
Web:www.hltchips.com
Room 1401, 14th Floor, Building 5, Hua xi Science and Technology Innovation Center, No.50, Shuxi Road, Jinniu District, Chengdu City

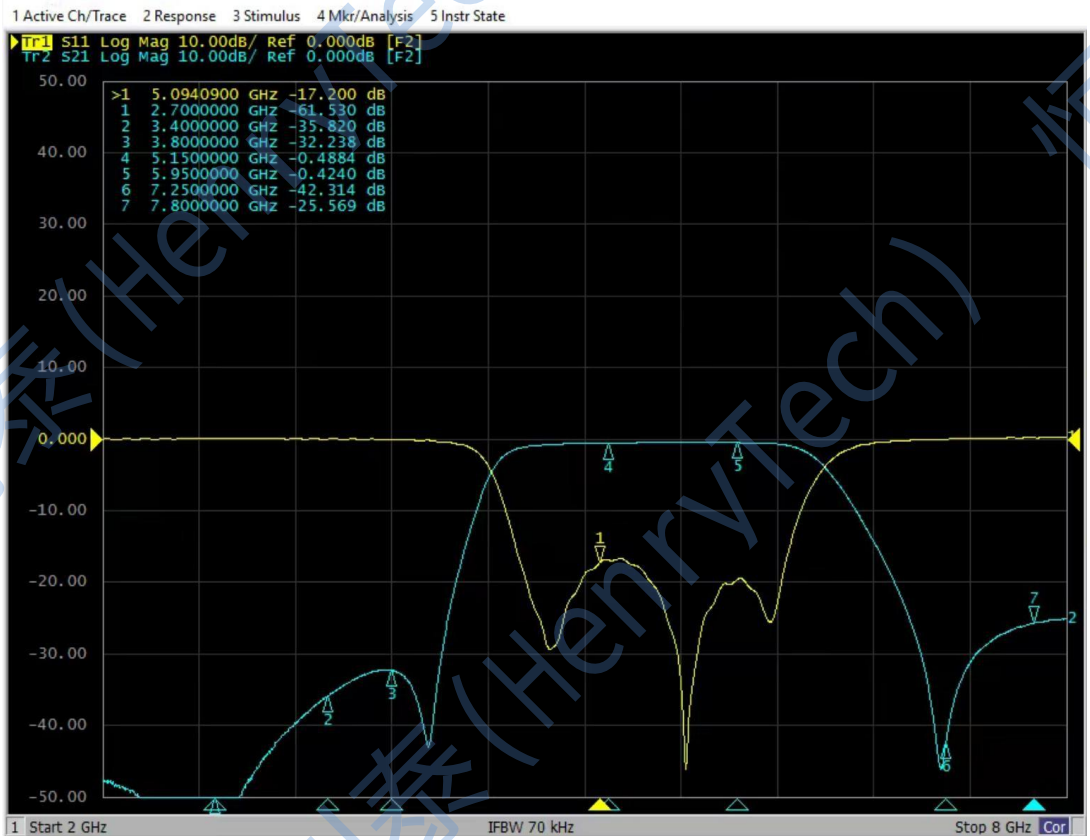
LTCC Bandpass Filter 低温共烧陶瓷带通滤波器

注意 Note：

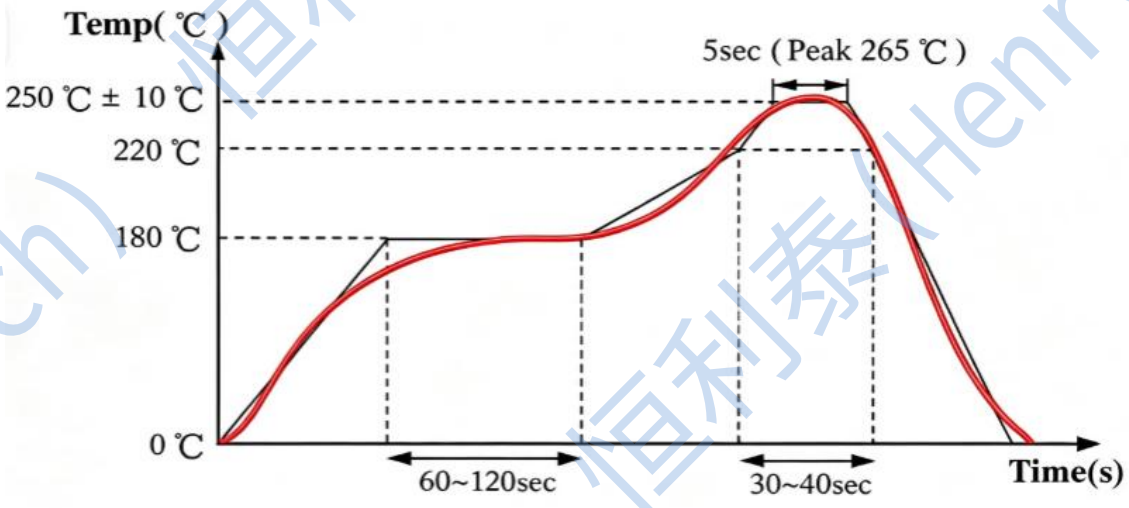
1. 单位 Unit: mm

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



Tel:+86-28-85589664
E-mail:428858430@qq.com
Web:www.hltchips.com
Room 1401, 14th Floor, Building 5, Hua xi Science and Technology Innovation Center, No.50, Shuxi Road, Jinniu District, Chengdu City