LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

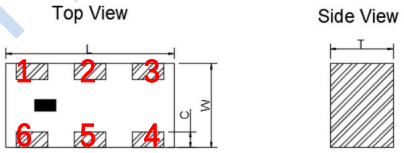
产品型号（Product model）：HM-LP1608-3800M

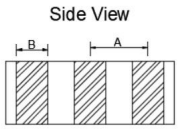
一、电气性能 Electrical Specifications（TAMB=25°C）

No.	项目		指标
2	通带频率 Passband Frequency		DC-3800MHz
3	阻抗 Impedance		50Ω
4	插损 Insertion Loss @25℃	DC~3800MHz	≤0.5dB
	插损 Insertion Loss @-40℃~+85℃	DC~3800MHz	≤0.75dB
5	驻波比 VSWR	DC~3800MHz	≤2.0
6	带外抑制 OOBR	6600~7600MHz	≥35dB
		9900~11400MHz	≥32dB
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		3W

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	0.55 ± 0.10
B	0.30 ± 0.10
C	0.15 ± 0.10

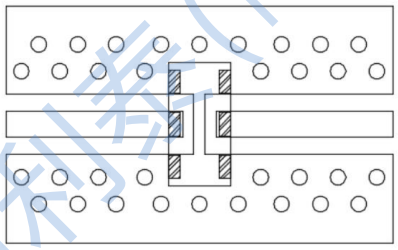




三、引脚定义 Pin Connections

输入 input Port	2
输出 output Port	5
接地 GND	1、3、4、6

四、焊盘尺寸 PCB Land Pattern



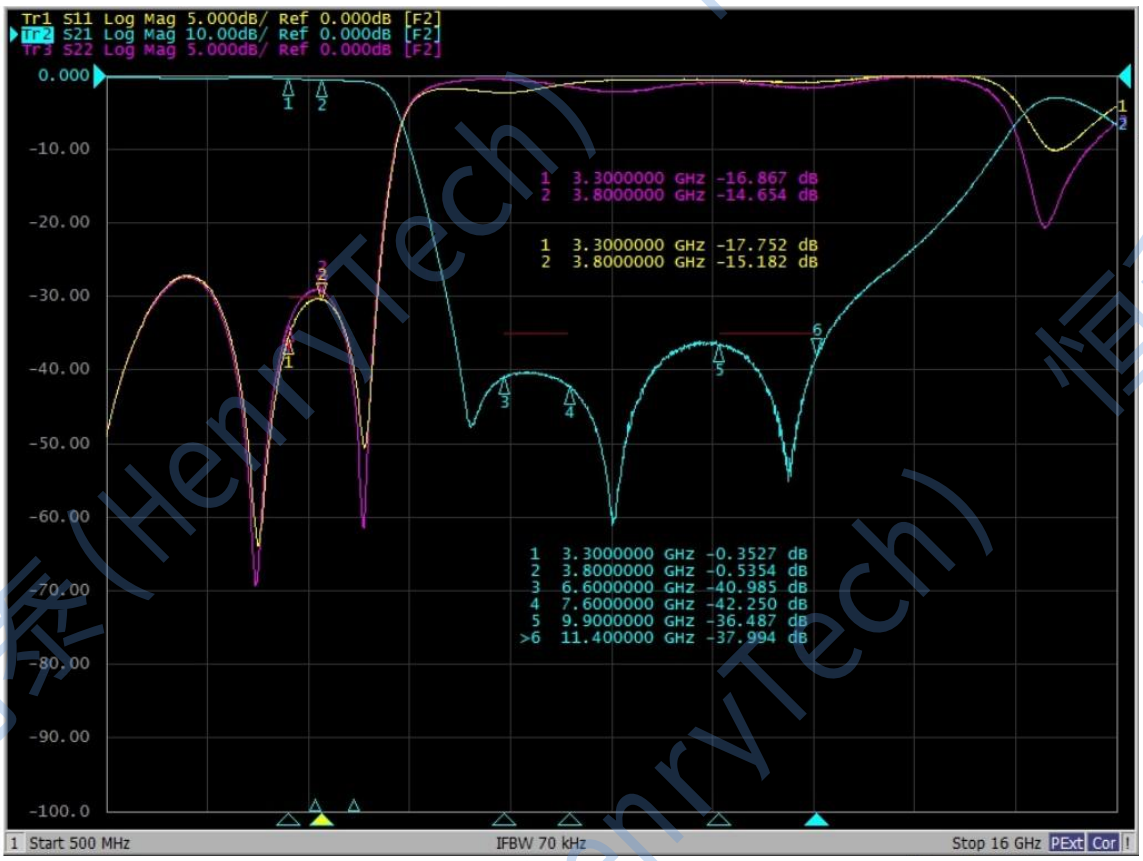
注意 Note：

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

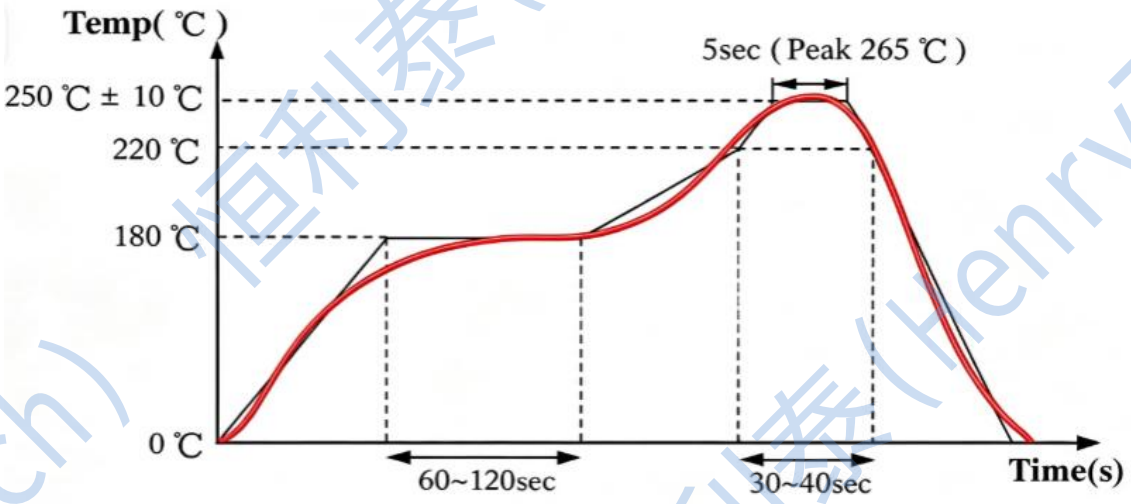
Tel:+86-28-85589664
E-mail:428858430@qq.com
Web:www.hltchips.com
Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No.50, Shuxi Road, Jinniu District, Chengdu City

LTCC Lowpass Filter 低温共烧陶瓷 低通滤波器

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, Huaxi Science and Technology Innovation Center, No.50, Shuxi Road, Jinniu District, Chengdu City