

客户		编制	
日期	2016年9月15日	核对	
数量		承认	

※ 1.Electrical Specifications 【电气规格】

Items 项目	+ 25 C 常温	-40 C to +85 C 全温	Unit 单位
Center Frequency[Fc] 中心频率	1268		MHz
Passband 通带	Fc $\pm$ 12.00 [1256 ~ 1280]		MHz
Insert Loss @ BW 通带内插入损耗	0.7	1.0	dB max
Ripple @ BW 带内波动	0.1	0.3	dB max
Return loss @ BW 带内回波损耗			dB min
V S W R @ BW 带内驻波比	1.3	1.5	max
Stop Band 阻带 ☐ Absolute 绝对值 ☒ Relative 相对值	@ 1611.0 ~ 1621.0 MHz	24.0	dB min
	@ ~ MHz		dB min
	@ ~ MHz		dBc min
	@ ~ MHz		dBc min
	@ ~ MHz		dBc min
	@ ~ MHz		dBc min
Power 功率	2		W max
In/Out Impedance 输入输出阻抗	50		Ω
Others 其它	/		/

※ 2.Mechanical Dimesion 【机械外形尺寸】

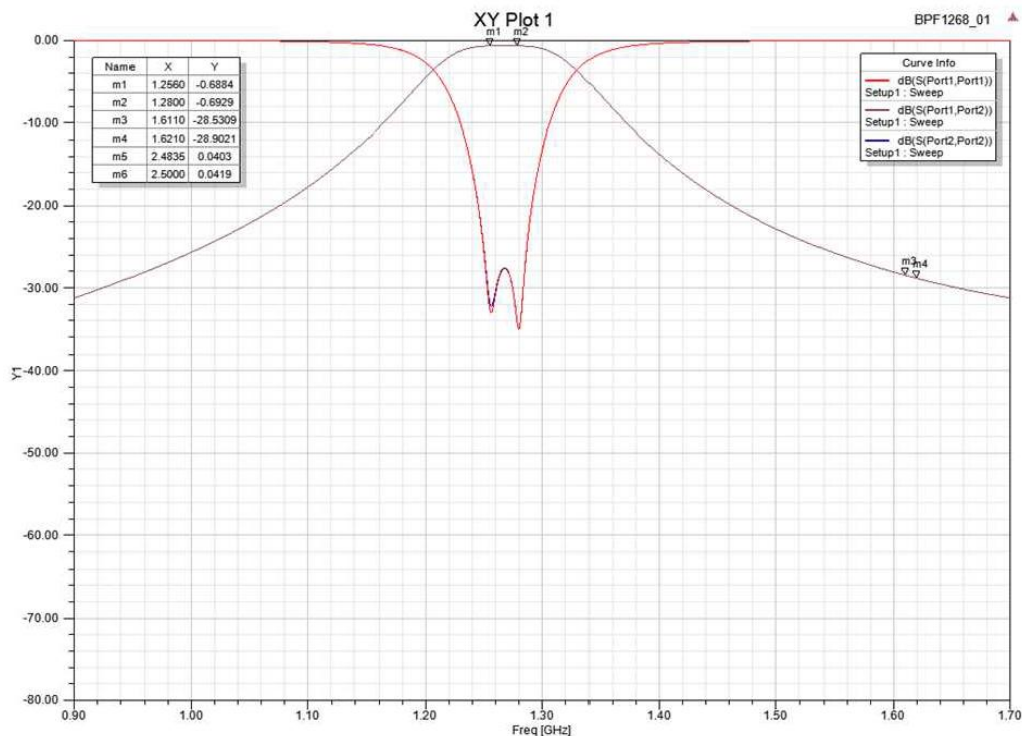
The diagram illustrates the mechanical dimensions of a filter component. The top view shows a rectangular footprint with a central raised section. Dimensions include: **W** (total width), **L** (total length), **F** (width of the central raised section), **E** (width of the central opening), **A** (height of the side flange), and **C** (total height of the side flange). The side view shows the profile with **H** representing the total height. A legend indicates that the cross-hatched pattern represents the **I/O Port** and the diagonal hatched pattern represents **GND**.

Reference Chart

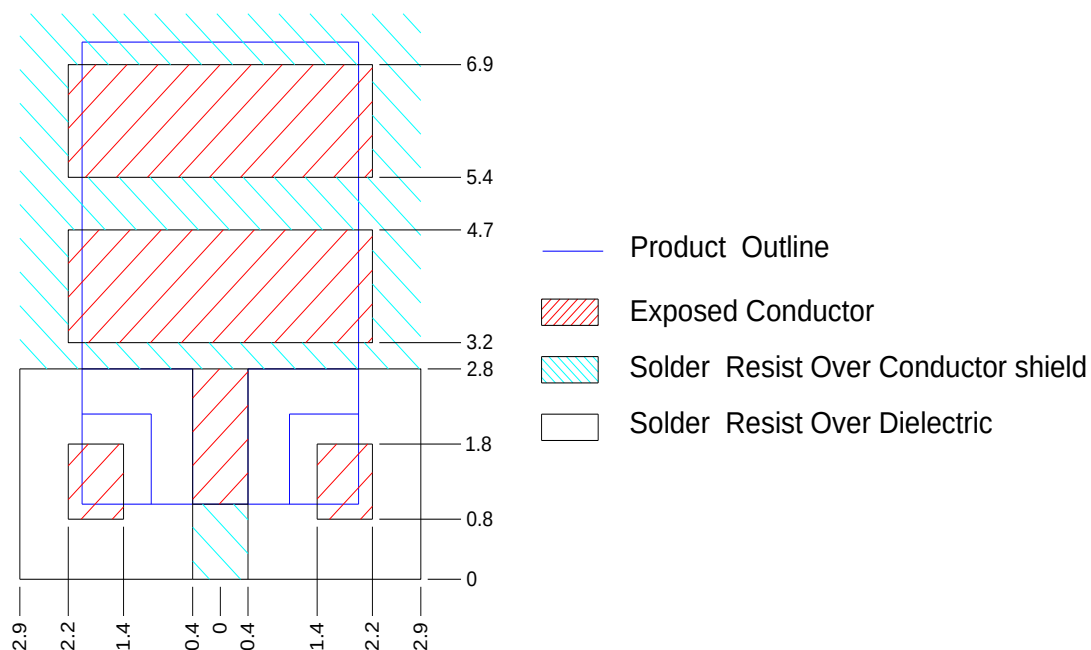
参考对照表

Item 项目		Value 数值	Tolerance 公差	Unit 单位
宽	W	4.0	±0.25	mm
长	L	6.15	±0.25	mm
高	H	2.0	±0.25	mm
电极尺寸	A	1.2	±0.2	mm
	B	/	±0.2	mm
	C	1.8	±0.2	mm
	D	/	±0.2	mm
	E	0.8	±0.2	mm
	F	2.0	±0.2	mm
	G	/	±0.2	mm
	I	/	±0.2	mm

※ 3.Electrical Response 【电气响应】



※ 4.PCB Layout 【PCB设计】



Note: Impedance of signal lines should be 50 ohms including land pattern. The standard condition is applying glass epoxy board ($t=0.8\text{mm}$, dielectric constant = 4.4) and the land patterns are connected to 50 ohms microstrip lines

注意：包括焊盘图纸在内的信号传输线的阻抗应该按50欧姆设计，推荐焊盘图与50欧姆的微带线连接，标准板材推荐使用厚度为0.8MM，介质常数为4.4的环氧板