

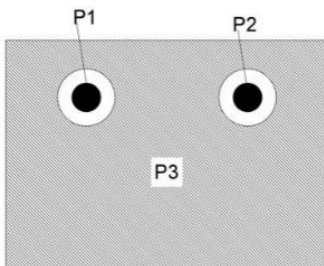
### Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process

### Specifications

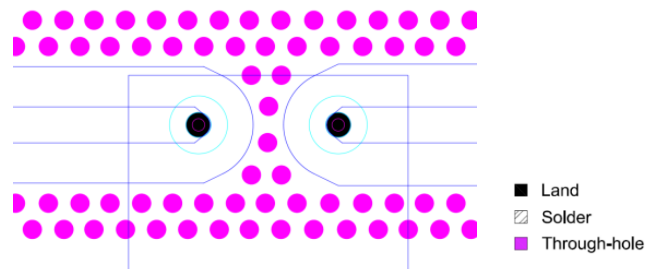
NO.	Parameter	Frequency (MHz)	SPC		
			Min.	Typ.	Max.
1	Insertion Loss (dB)@FC	3000			2.0
	Insertion Loss (dB)@BW	2000-4000			3.0
	Insertion Loss (dB)@+/-100MHz from the filter edges	1900/4100			5.0
2	VSWR	2000-4000			2.0
3	Attenuation (dB)	@1800	25		
		@1500	35		
		@fo+2000	35		
		@fo+3000	60		
4	In/Output Impedance ( $\Omega$ )		50		
5	Permissible Input Power (W)				1
<b>Operating &amp; Storage Condition (Component)</b>					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -40°C ~ +85°C					
<b>Storage Condition before Soldering (Included packaging material)</b>					
Storage Temperature Range: +5 ~ +40 °C					
Humidity: 30 to 70% relative humidity					

### Construction



PIN	Connection
1	Input
2	Output
3	GND

### Mounting Considerations



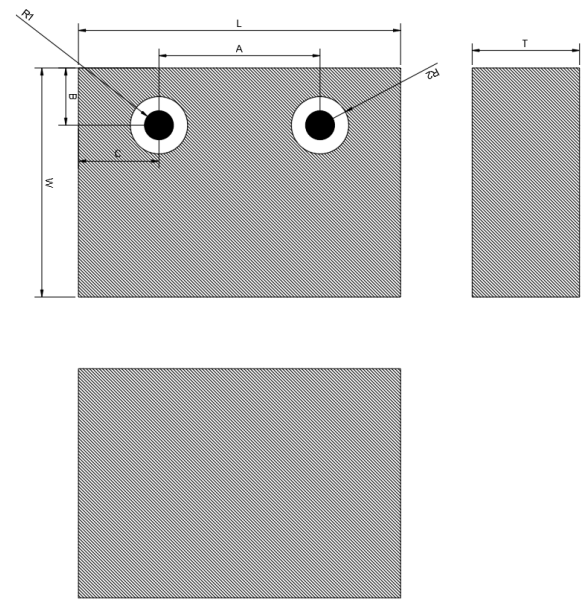
Unit: mm  
Line width to be designed to match 50  $\Omega$  characteristic impedance, depending on PCB material and thickness

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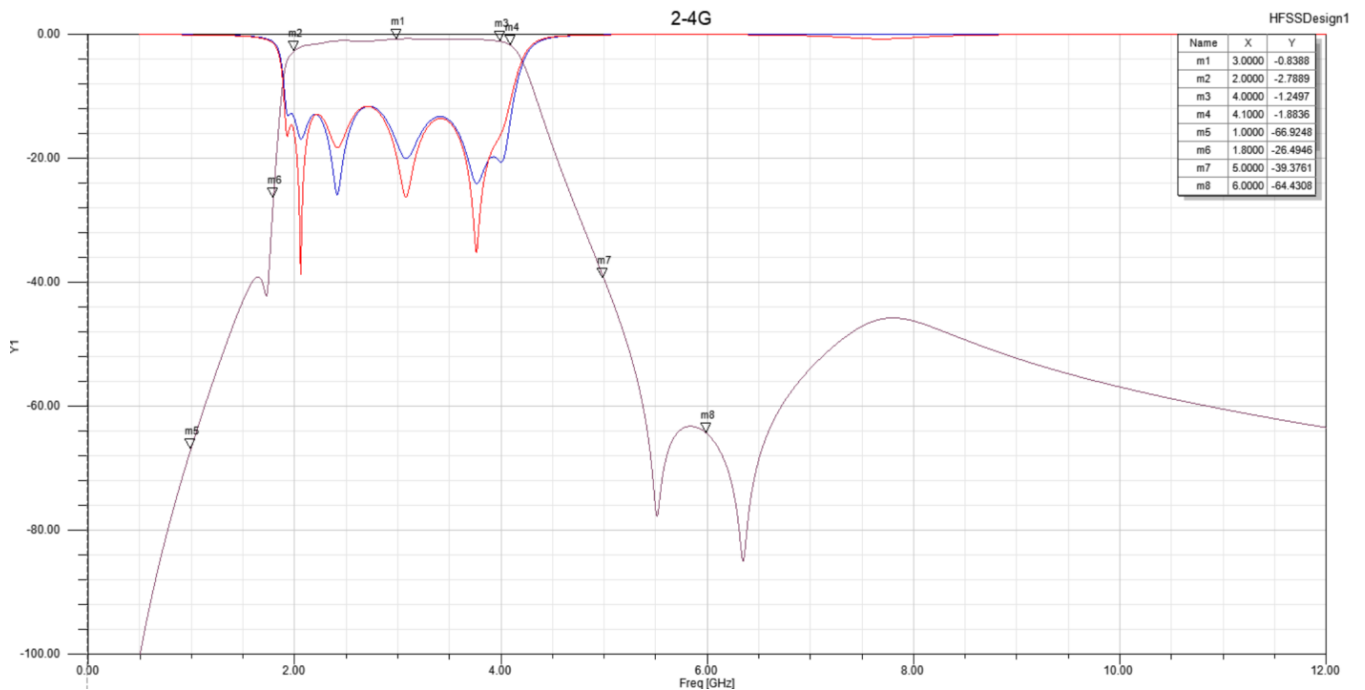
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Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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### Dimensions

Figure	Symbol	Dimension (mm)
	L	4.5 ± 0.25
	W	3.2 ± 0.25
	T	1.5 ± 0.20
	A	2.25 ± 0.2
	B	0.80 ± 0.15
	C	0.20 ± 0.10
	R1	0.2 ± 0.10
	R2	0.40 ± 0.10

### Typical Electrical Characteristics (T=25°C)



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