

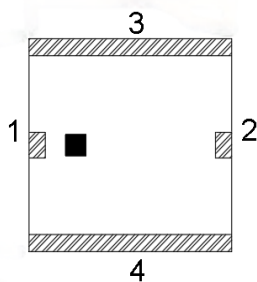
Features

- 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

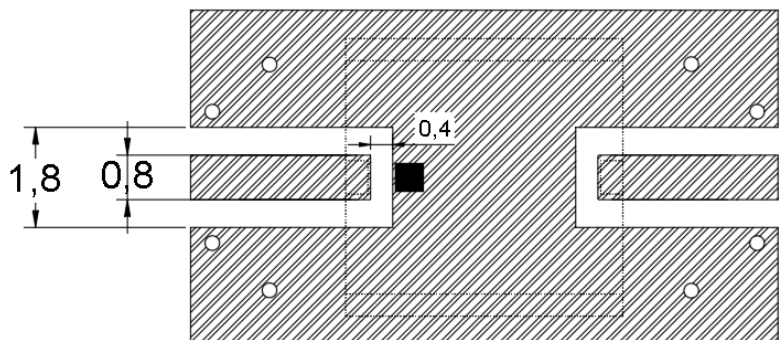
NO.	Parameter		SPEC
1	Frequency (MHz)		300-2000
2	Insertion Loss (dB) @25℃	300-500MHz	≤2.5
		1000-2000MHz	≤1.75
3	Ripple (dB)	300-2000MHz	≤1.5
4	Attenuation(dBc)	10MHz~230MHz	≥35
		2300MHz-2400MHz	≥20
		2400MHz~3350MHz	≥34
		3350MHz~3400MHz	≥28
5	VSWR		≤2.0
6	In/Output Impedance (Ω)		50
Operating & Storage Condition (Component) Operation Temperature Range: -40℃ ~ +85℃ Storage Temperature Range: -40℃~ +85℃			
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 ℃ Humidity: 30 to 70% relative humidity			

Construction



PIN	Connection
1	Input Port
2	Output Port
3	GND
4	GND

Mounting Considerations



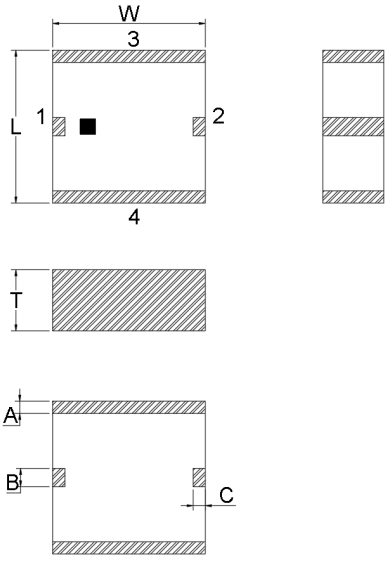
Unit: mm

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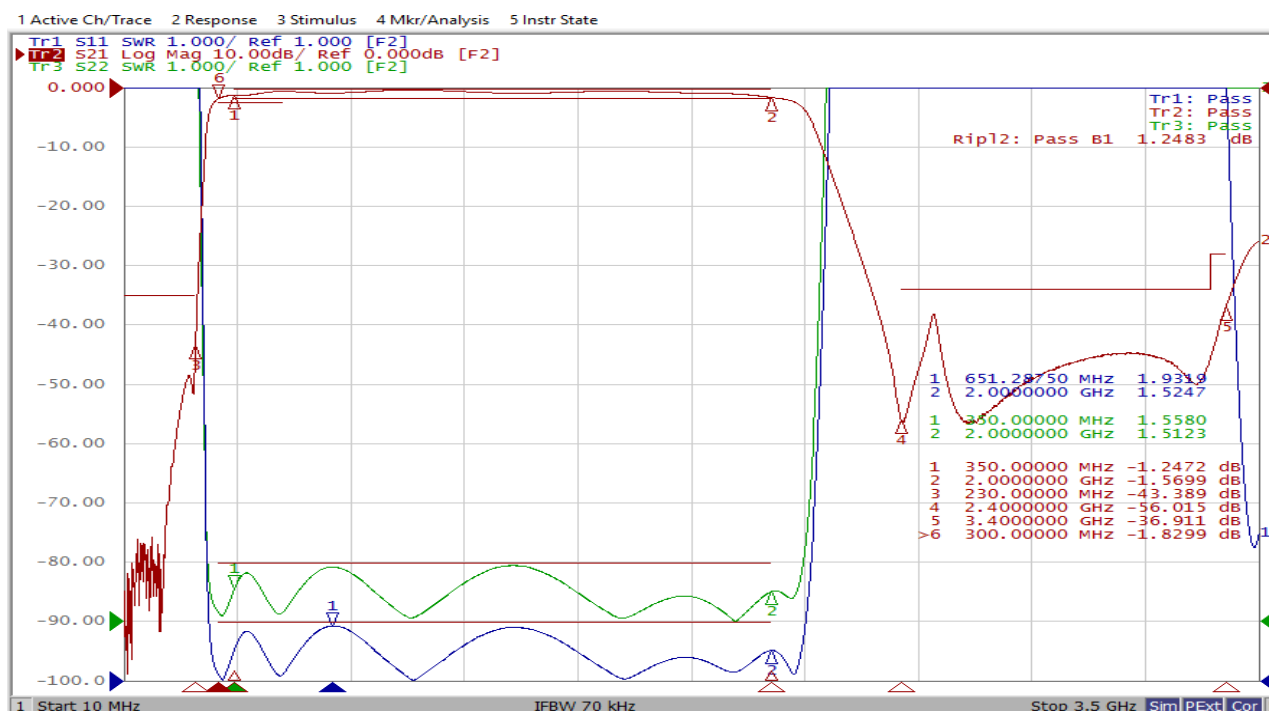
Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Dimensions

Figure	Symbol	Dimension (mm)
	L	5.00± 0.20
	W	5.00± 0.20
	T	2.00± 0.20
	A	0.40± 0.10
	B	0.60 ± 0.10
	C	0.40± 0.10

Typical Electrical Characteristics (T=25°C)



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