

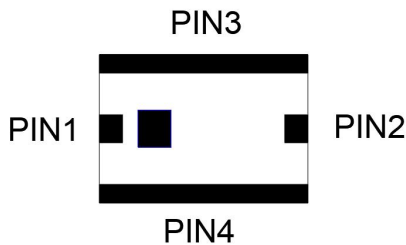
### Features

- 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

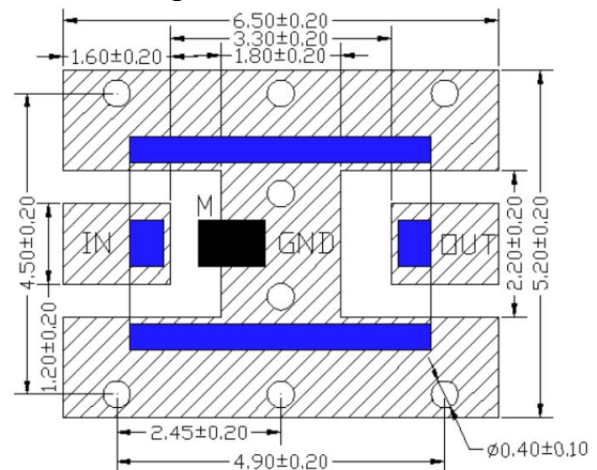
NO.	Parameter	Frequency (MHz)	SPEC	
			Min.	Max.
1	Insertion Loss (dB)	1350~1650		3.0
2	Ripple (dB)	1350~1650		0.5
2	Attenuation (dB)	DC~650	50	
		2350~3300	50	
3	VSWR	1350~1650		1.3
4	Phase linearity	1350~1650	±5°	
5	Multiple amplitude consistency(dB)	1350~1650		0.5
6	Phase Consistency	1350~1650	±5°	
7	In/Output Impedance (Ω)		50	

### Construction



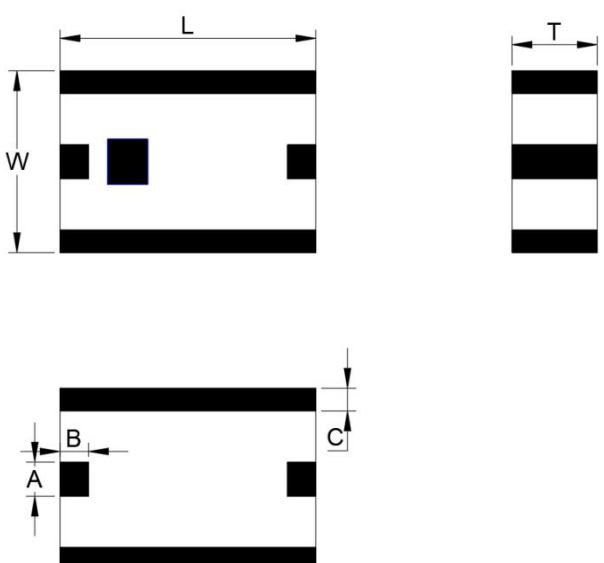
PIN	Connection
1	Input Port
2	Output Port
3	GND
4	GND

### Mounting Considerations

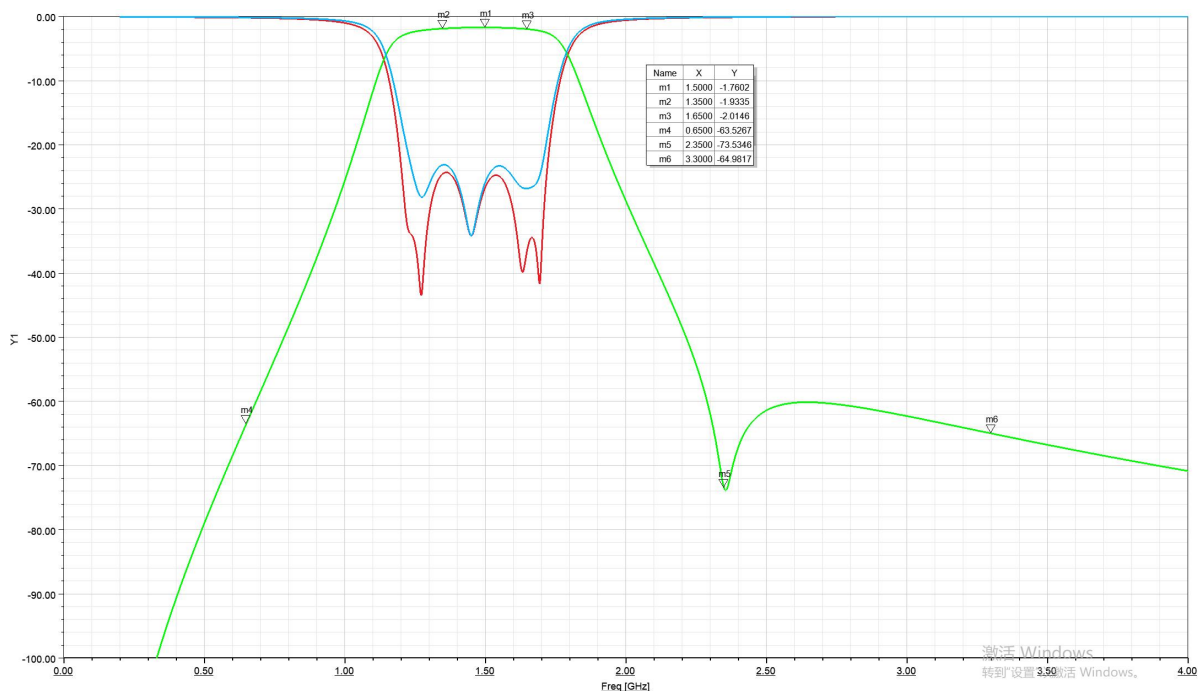


Unit: mm  
 Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

### Dimensions

Figure	Symbol	Dimension (mm)
	L	4.50±0.20
	W	3.20±0.20
	T	1.50±0.20
	A	0.60±0.10
	B	0.50±0.10
	C	0.40±0.10

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



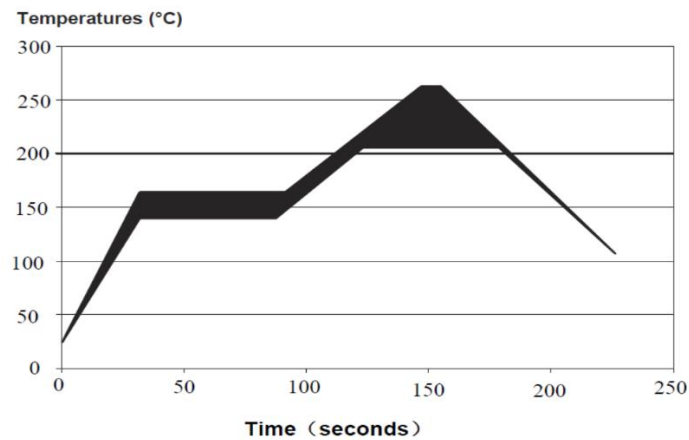
### Yantel Corporation

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For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

### Solder Reflow Standard Conditioning



### Storage Conditions

Temperature : +5 to +30 °C

Humidity : 20 to 70% RH

Term of storage : Within 12 months (After the delivery) \*

Baking : Unnecessary

\* After peeling off cover tape, do not keep exposing the products to the open air. For the products stored longer than 12 months, confirm their terminals and solderability before use.