

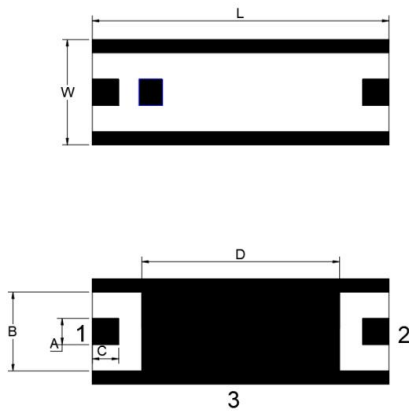
### Features

- 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

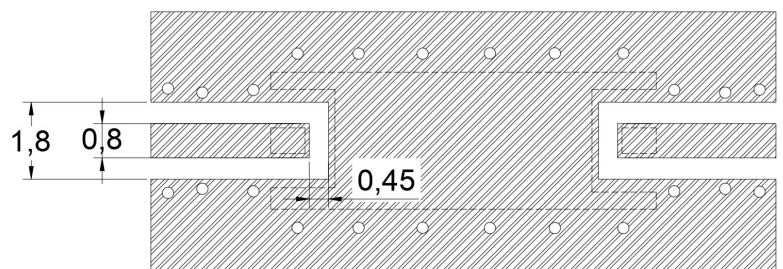
NO.	Parameter	SPEC
1	Frequency (MHz)	5500~6000
2	Insertion Loss (dB) @25°C	≤2.2
3	Ripple (dB)	≤1.0
4	VSWR(In BW)	≤1.8
5	Attenuation(dBc)	DC~5000MHz
		6450~9000MHz
7	In/Output Impedance (Ω)	50
8	Power	5W
<b>Operating &amp; Storage Condition (Component)</b>		
Operation Temperature Range: -40°C ~ +85°C		
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 Port
2	Output Port
3	GND

### Mounting Considerations



Unit: mm



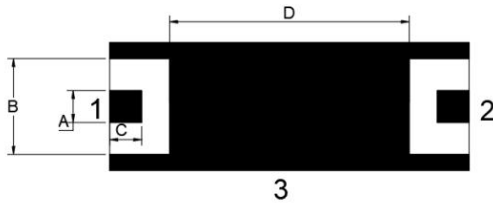
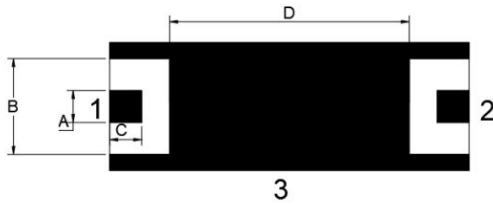
### Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

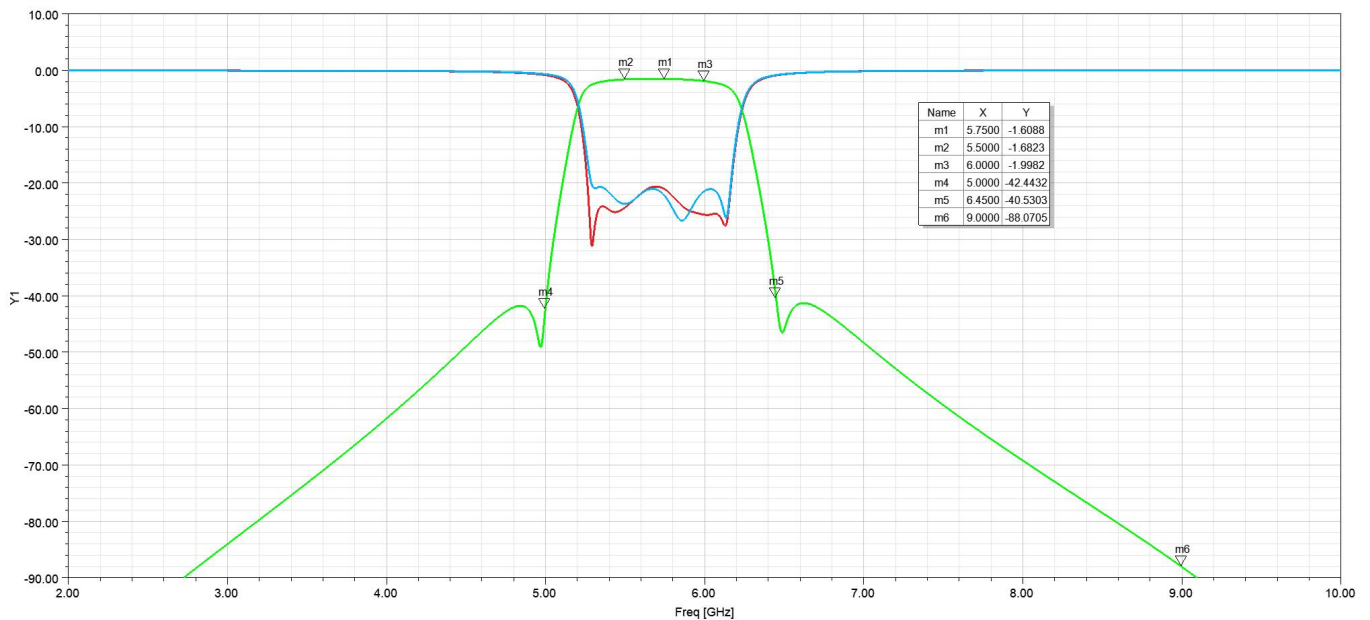
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

### Dimensions

Figure	Symbol	Dimension (mm)
	L	9.00 ± 0.20
	W	3.20 ± 0.20
	T	1.50 ± 0.20
	A	0.60 ± 0.15
	B	2.40 ± 0.15
	C	0.80 ± 0.15
	D	6.00 ± 0.15

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



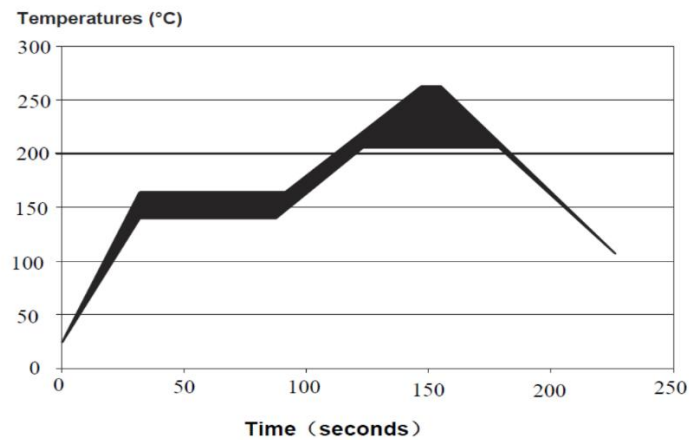
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### Solder Reflow Standard Conditioning



### 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.