

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

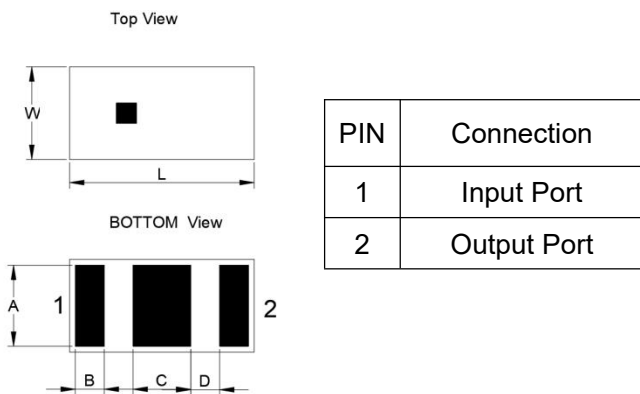
Specifications

NO.	Parameter		SPC
1	Frequency (MHz)		3700~4300
2	Insertion Loss (dB)@25°C		≤2.5
3	VSWR(In BW)		≤1.8
4	Ripple		≤1.0 dB
5	Attenuation	3000MHz	≥40 dB
		5100MHz	≥40 dB
6	In/Output Impedance (Ω)		50

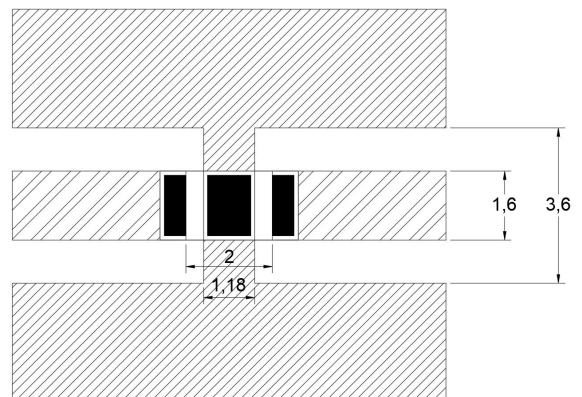
Operating & Storage Condition (Component)
 Operation Temperature Range: -40°C ~ +85°C
 Storage Temperature Range: -40°C~ +85°C

Storage Condition before Soldering (Included packaging material)
 Storage Temperature Range: +5 ~ +40 °C
 Humidity: 30 to 70% relative humidity

Construction



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

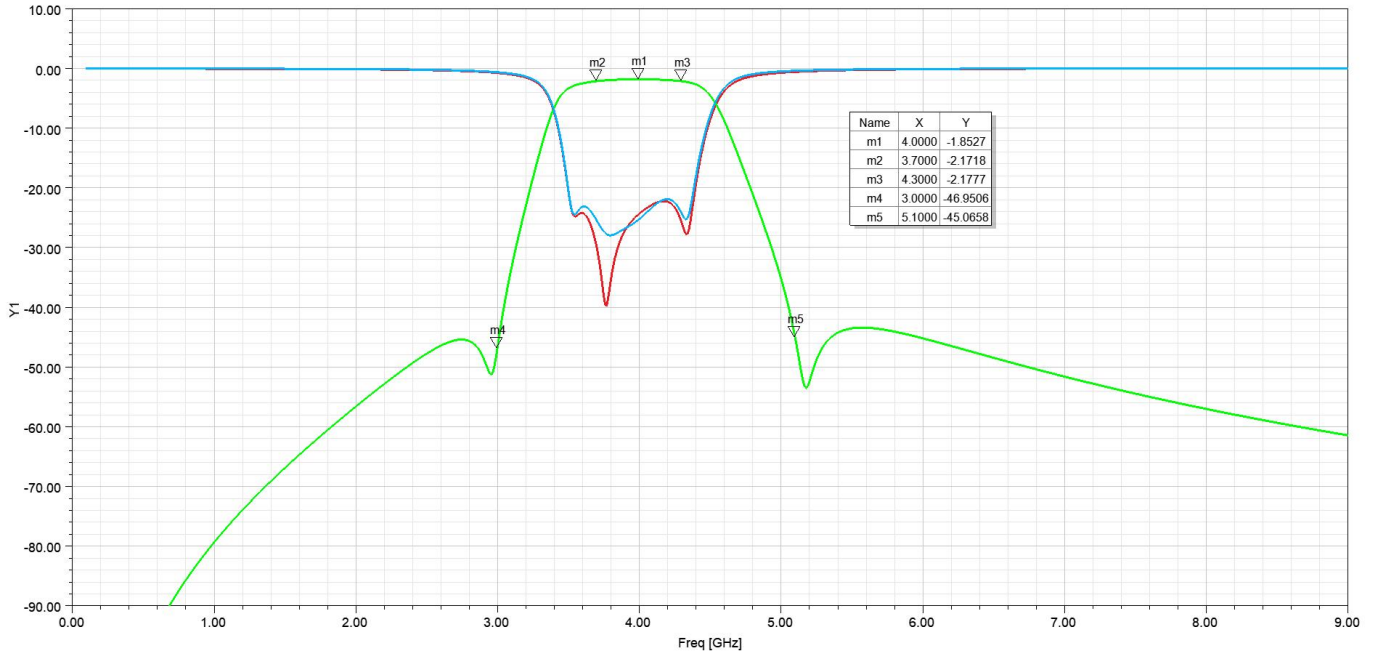
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Dimensions

Figure	Symbol	Dimension (mm)
	L	3.20 ± 0.20
	W	1.60 ± 0.20
	T	0.94 ± 0.20
	A	1.40 ± 0.10
	B	0.50 ± 0.10
	C	1.00 ± 0.10
D	0.50 ± 0.10	

Typical Electrical Characteristics (T=25°C)



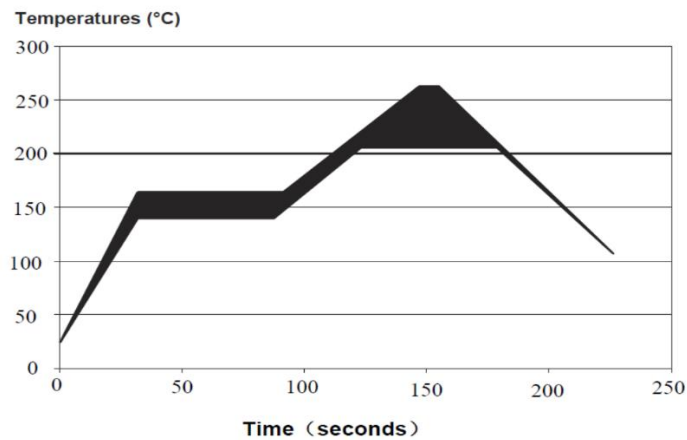
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Solder Reflow Standard Conditioning



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.