

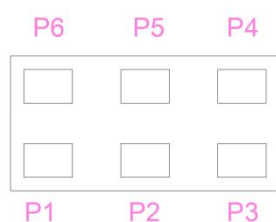
Features

- 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

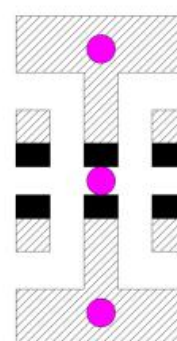
NO.	Parameter	SPC
1	Frequency range	1880-2025 MHz
2	Insertion Loss	1.4 dB max. at +25°C; 1.6 dB max. at -40~+85°C
3	Attenuation	8 dB min. @ 2400~2500 MHz 25 dB min. @ 3760~4050 MHz 25 dB min. @ 5150~5850 MHz 25 dB min. @ 5640~6075 MHz
4	VSWR (In BW)	2.0 max.
5	Port Impedance	50Ω
6	Power	2.0W max.
7	Operation Temperature Range	-40°C ~ +85°C

Construction



PIN	Connection
1	NC
2	GND
3	NC
4	Output port
5	GND
6	Input port

Mounting Considerations



- Land
- ▨ Solder
- Through-hole

Unit: mm

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

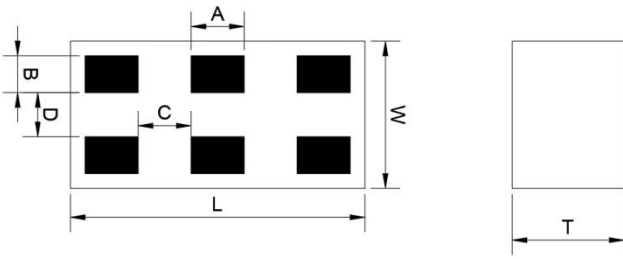
Yantel Corporation

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

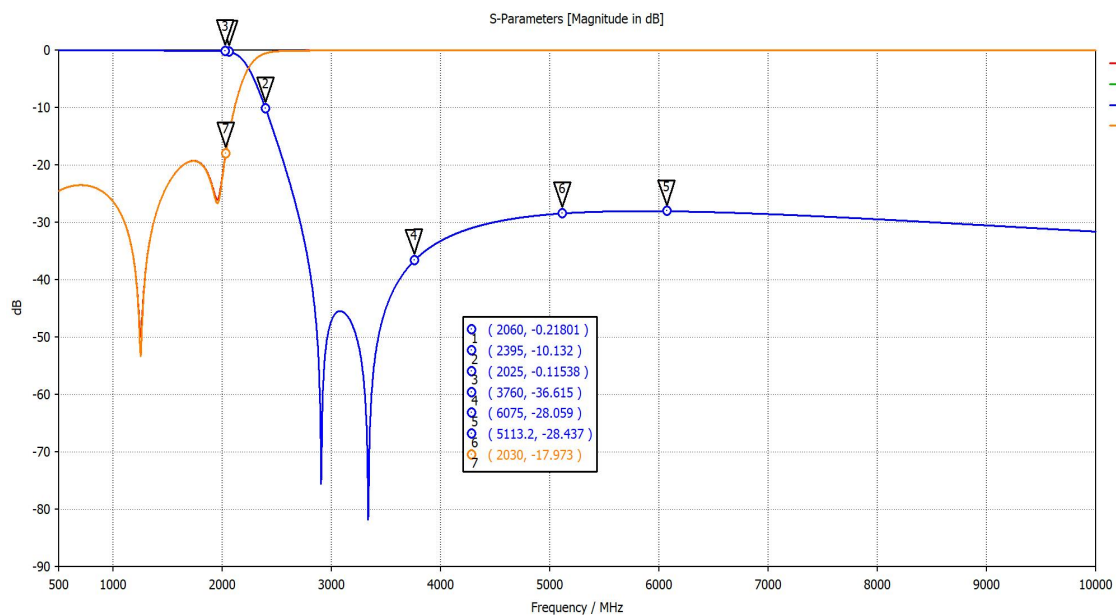
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Dimensions

Figure	Symbol	Dimension (mm)
	L	1.0 ± 0.05
	W	0.5 ± 0.05
	T	0.38 ± 0.05
	A	0.18 ± 0.05
	B	0.125 ± 0.05
	C	0.18 ± 0.05
	D	0.15 ± 0.05

Typical Electrical Characteristics (T=25°C)



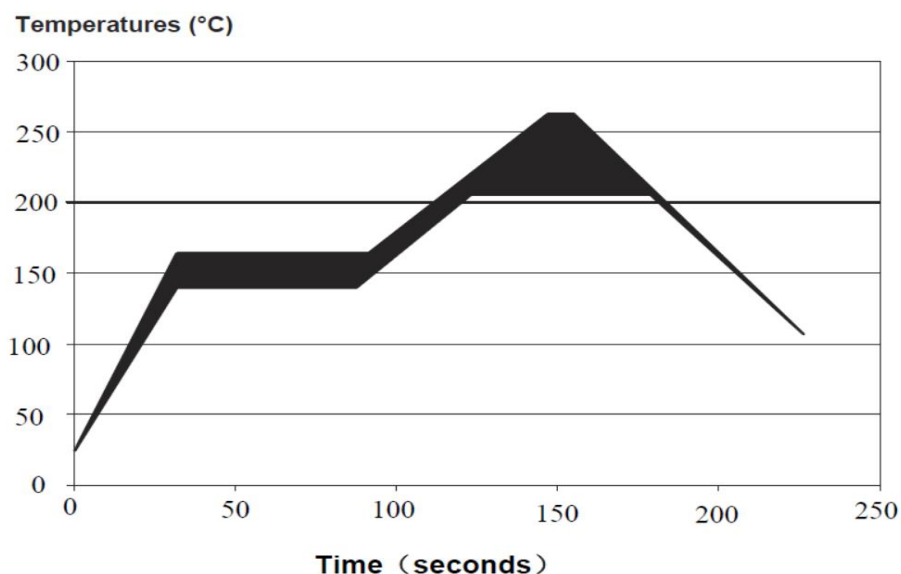
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Solder Reflow Standard Conditioning



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.