

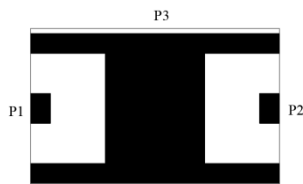
Features

- 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

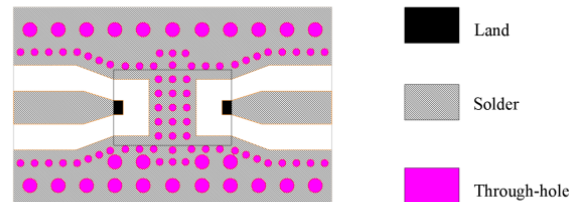
NO.	Parameter	SPC
1	Frequency range	1340-2000MHz
2	Insertion Loss	3.5 dB max. at -40°C ~ +85°C
3	Attenuation	35 dB min. @0- 1230 MHz
4	Return Loss	10 dB min. max.
5	Port Impedance	50Ω
6	Power	2W max.
7	Operation Temperature Range	-40°C ~ +85°C

Construction



PIN	Connection
1	Input port
2	Output port
3	GND

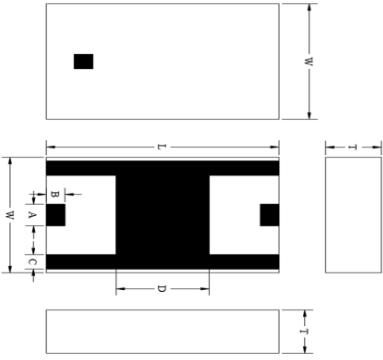
Mounting Considerations



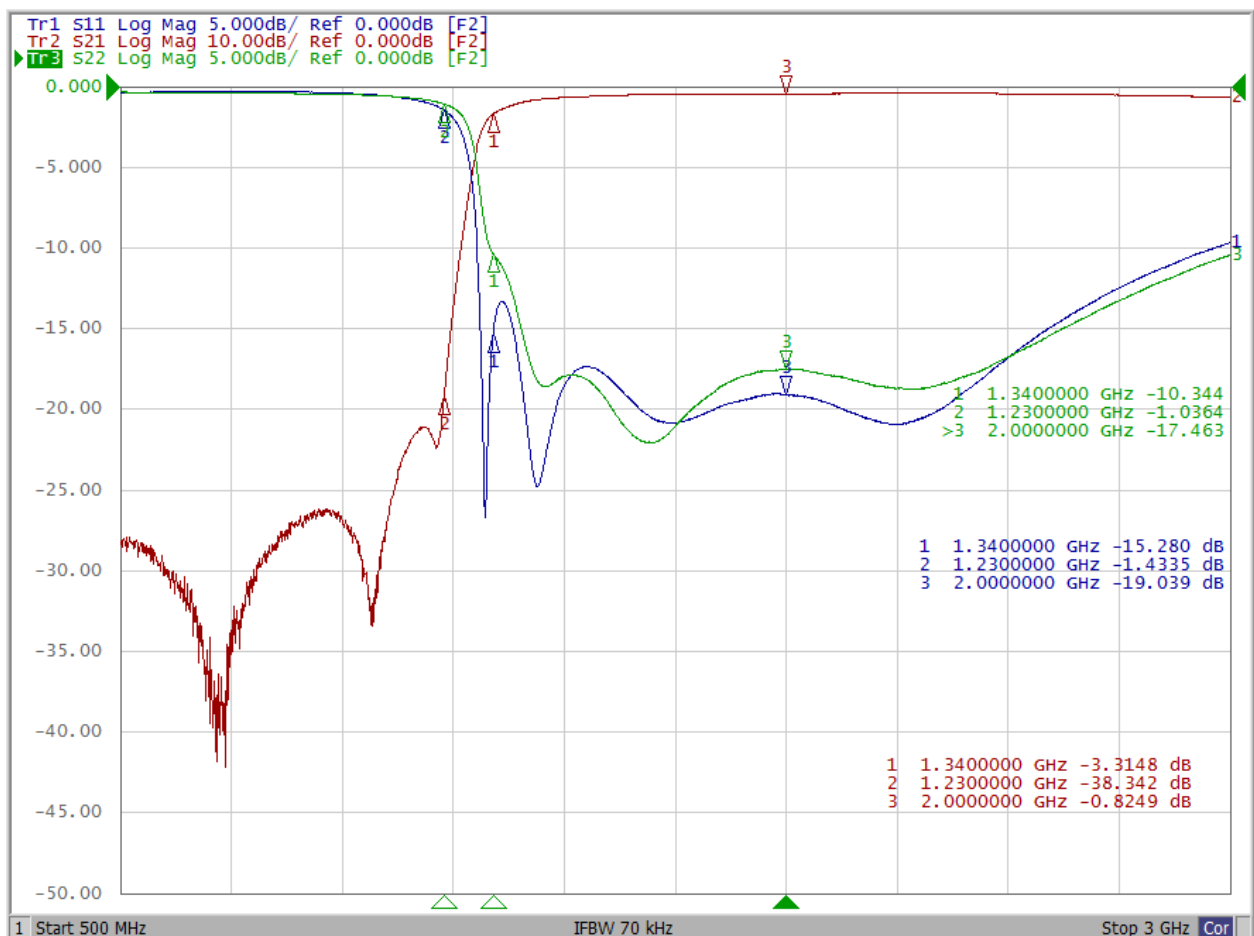
Unit: mm

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

Dimensions

Figure	Symbol	Dimension (mm)
	L	5.0 ± 0.15
	W	3.20 ± 0.15
	T	1.2 ± 0.15
	A	0.6 ± 0.10
	B	0.4 ± 0.05
	C	0.4 ± 0.05
	D	2.0 ± 0.10

Typical Electrical Characteristics (T=25°C)



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For detailed performance specs & shopping online see Yantel web site : 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.