

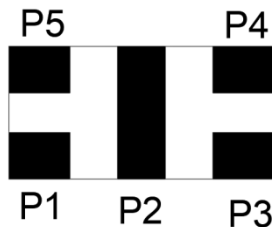
Features

- 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

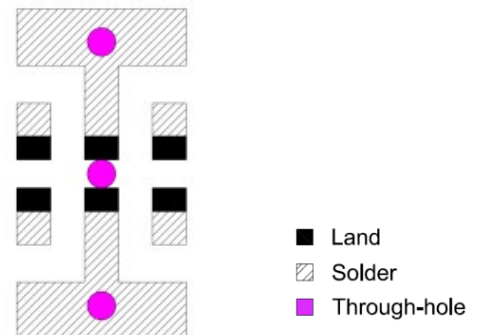
NO.	Parameter	SPC
z1	Frequency range	2300-2700 MHz
2	Insertion Loss	0.5 dB max. at +25°C
3	Attenuation	25 dB min. @ 4600~5400 MHz 25 dB min. @ 6900~8100 MHz
4	VSWR (In BW)	2.0 max.
5	Port Impedance	50Ω
6	Power	2.0W max.
7	Operation Temperature Range	-40°C ~ +85°C

Construction



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

Mounting Considerations



Unit: mm

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

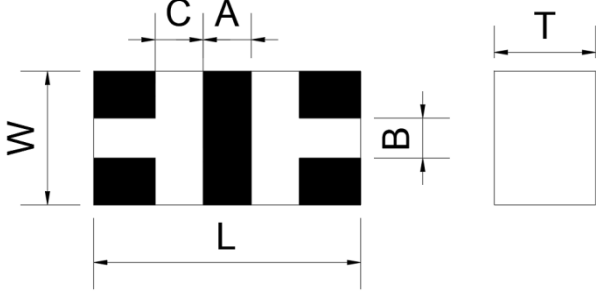
Yantel Corporation

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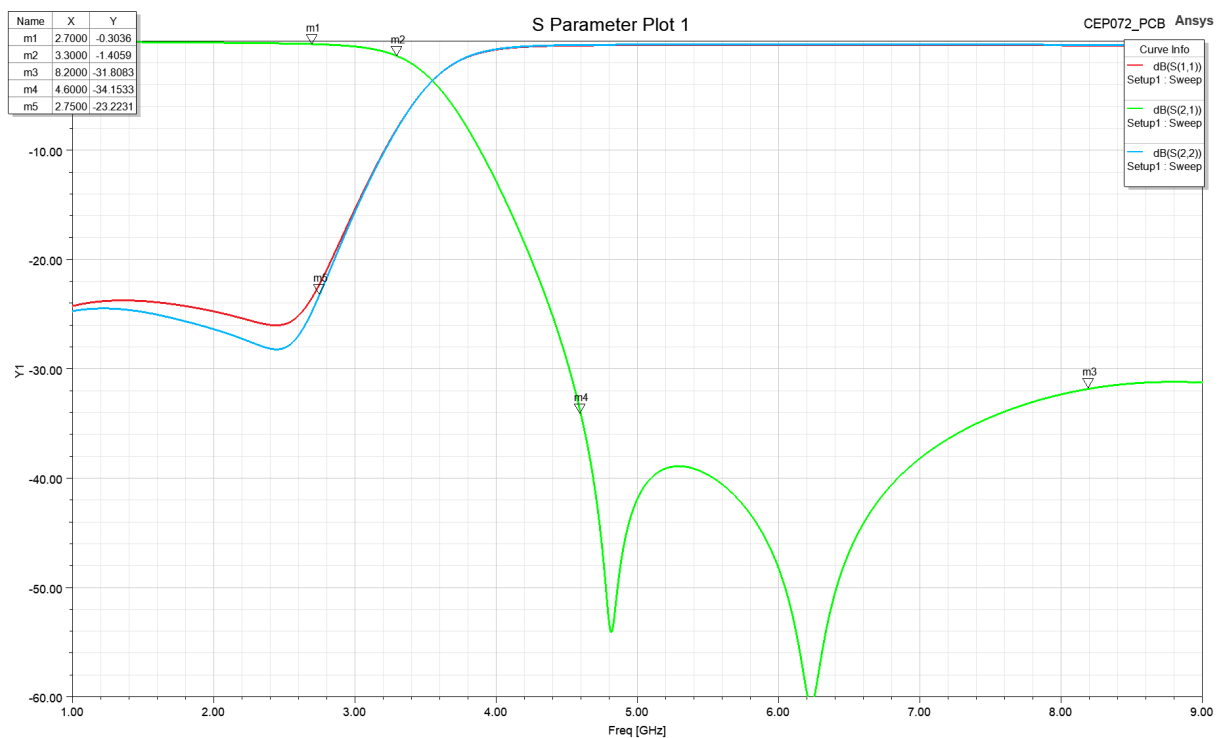
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

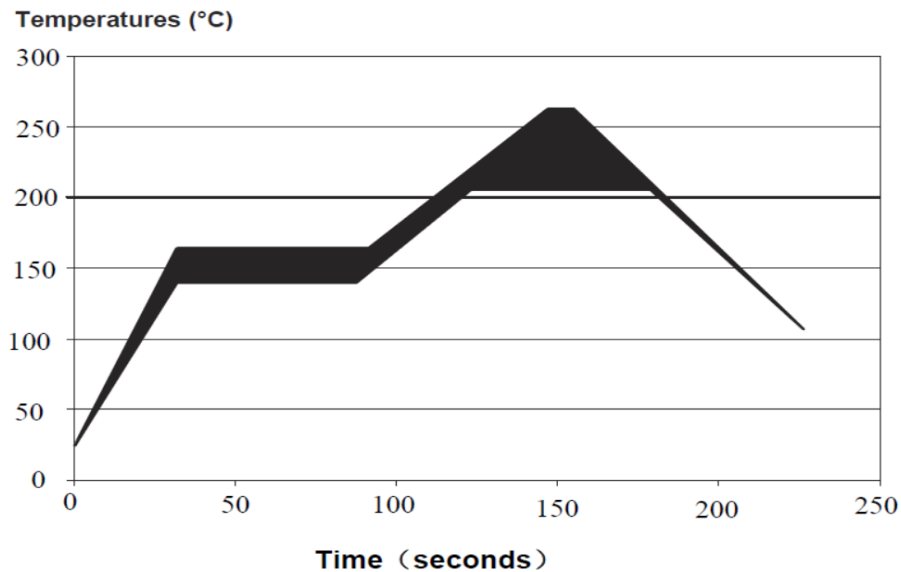
Dimensions

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	0.15 ± 0.05
	C	0.18 ± 0.05

Typical Electrical Characteristics (T=25°C)



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.