

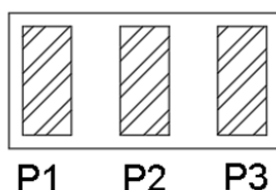
Features

- 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

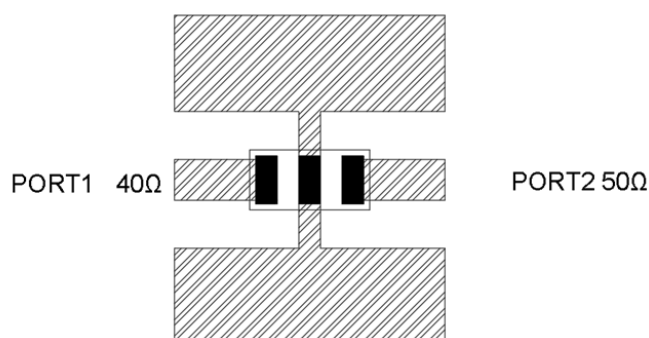
NO.	Parameter	SPEC
1	Frequency range	2400-2500 MHz
2	Insertion Loss	1.0 dB max. @ 2400~2500 MHz
3	Attenuation	30 dB min. @ 4800~5000 MHz 25 dB min. @ 7200~7500 MHz 25 dB min. @ 9600~10000 MHz 20 dB min. @ 12000~12500 MHz 4.5 dB min. @ 14400~15000 MHz 3.0 dB min. @ 16800~17000 MHz
4	Return loss	10 dB min
5	Output Impedance	50Ω
6	Operation Temperature Range	-40℃ ~ +85℃

Construction

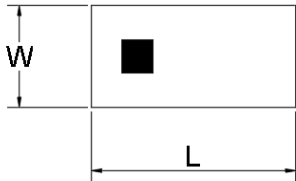
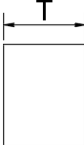
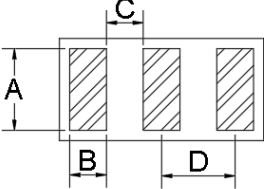


PIN	Connection
1	Input port
2	GND
3	Output port

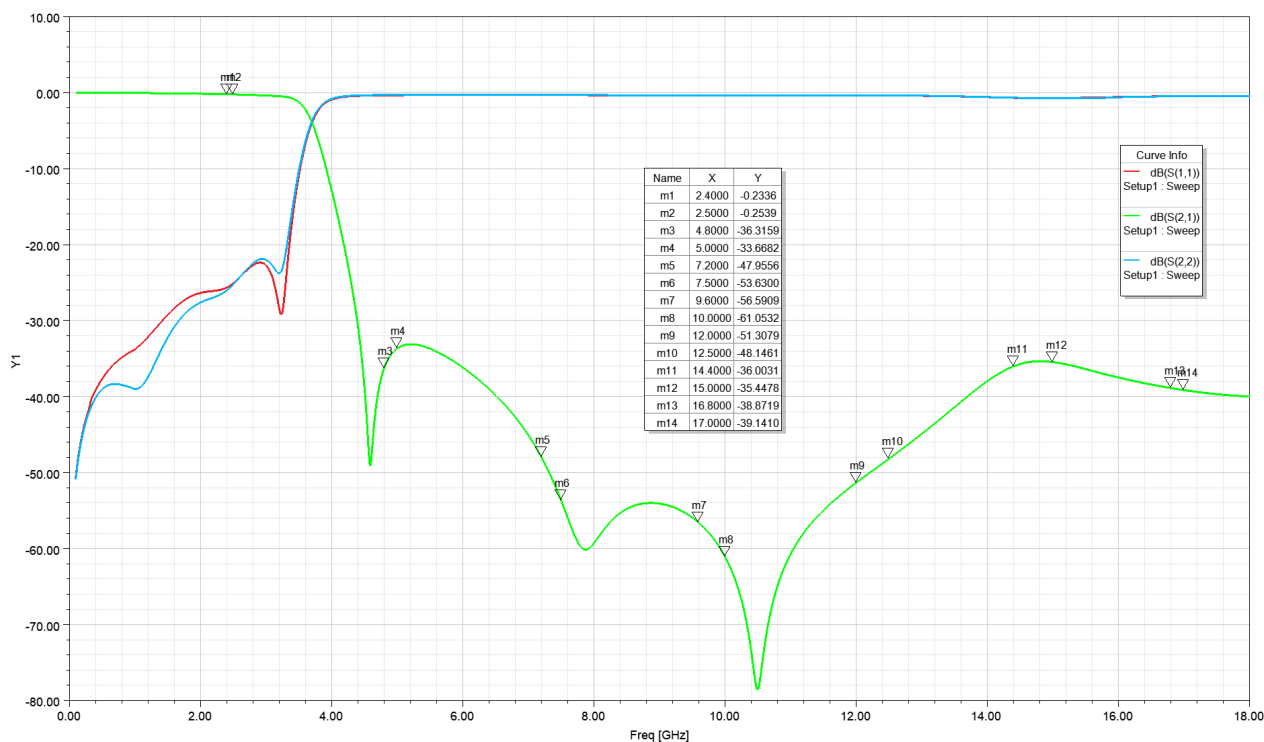
Mounting Considerations



Dimensions

Figure	Symbol	Dimension (mm)
TOP VIEW  SIDE VIEW  BOTTOM VIEW 	L	1.0 ± 0.10
	W	0.5 ± 0.10
	T	0.38 ± 0.10
	A	0.40 ± 0.10
	B	0.18 ± 0.10
	C	0.18 ± 0.10
	D	0.36 ± 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