

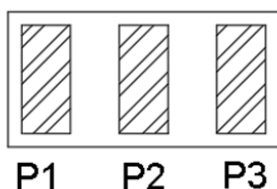
Features

- 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

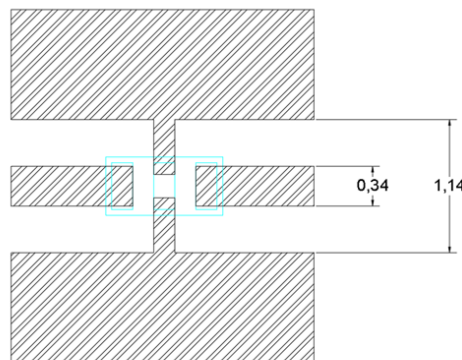
NO.	Parameter	SPEC
1	Frequency range	2400-2700 MHz
2	Insertion Loss	0.45 dB max. @ 2400~2500 MHz 0.60 dB max. @ 2500~2700 MHz
3	Attenuation	21 dB min. @ 4800~5400 MHz 21 dB min. @ 7200~8100 MHz
4	VSWR (In BW)	1.8 max.
5	Port Impedance	50Ω
6	Operation Temperature Range	-40℃ ~ +85℃

Construction



PIN	Connection
1	Input port
2	GND
3	Output port

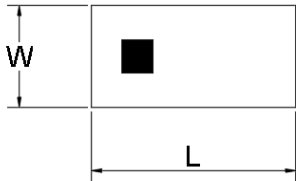
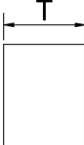
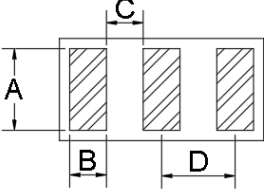
Mounting Considerations



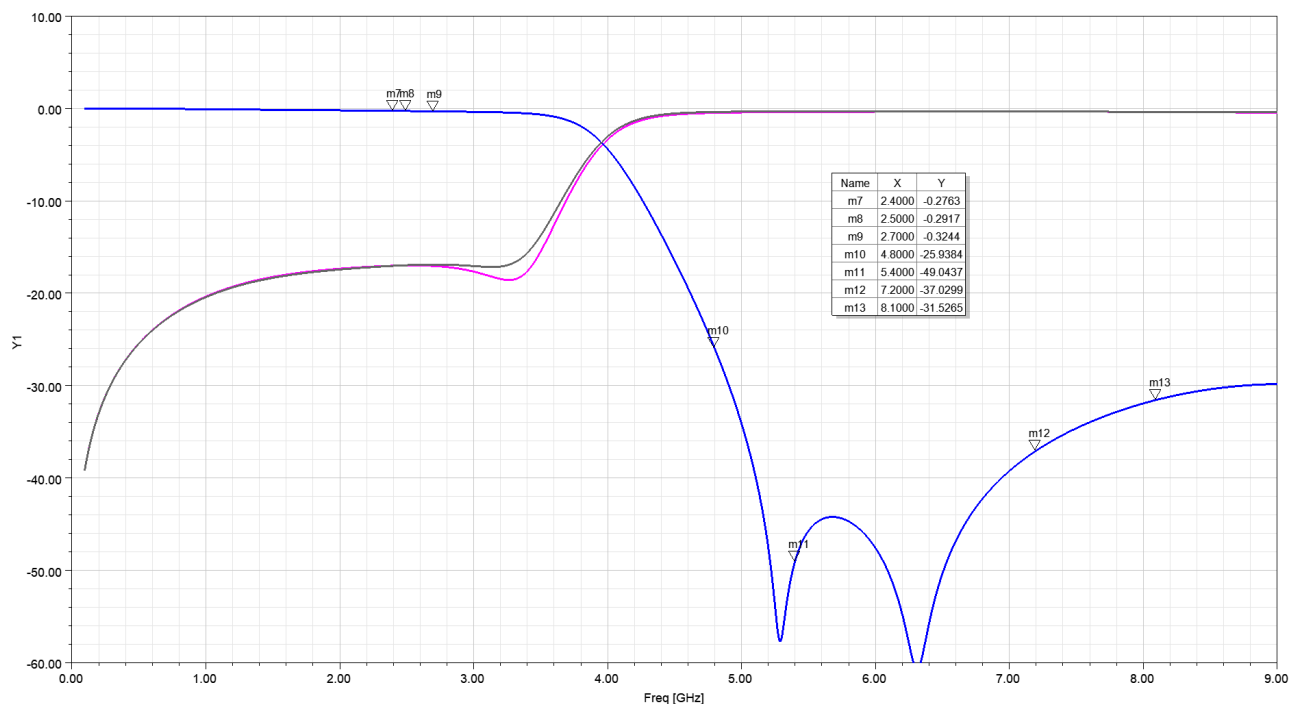
Unit: mm

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

Dimensions

Figure	Symbol	Dimension (mm)
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