

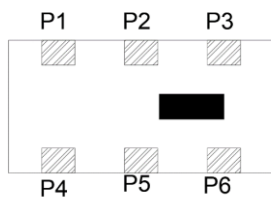
Features

- 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

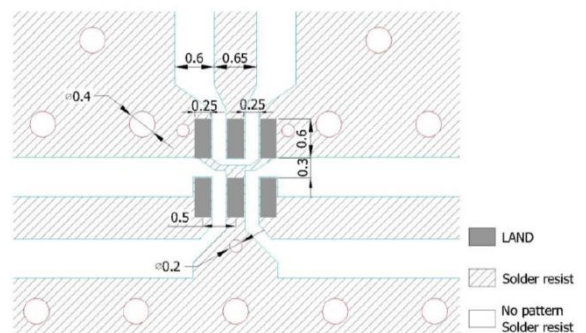
NO.	Specification		
1	Frequency range (MHz)	2400~2500	5150~5850
2	Insertion Loss (dB) @25℃	0.60 max	1.50 max
3	VSWR	2.0 max.	2.0 max.
4	Impedance (Ω)	50	50
5	Attenuation	23 dB min. @ 4800~5000 MHz	25 dB min. @ 2400~2500 MHz
		30 dB min. @ 7200~7500MHz	15 dB min. @ 3400~3600 MHz
		-	10 dB min. @ 3600~3900 MHz
		-	20 dB min. @ 6900~7550 MHz
		-	30 dB min. @ 10600~11700 MHz
		-	20 dB min. @ 15300~16200 MHz
Operating & Storage Condition (Component) Operation Temperature Range: -40℃ ~ +85℃ Storage Temperature Range: -40℃~ +85℃			
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 ℃ Humidity: 30 to 70% relative humidity			

Construction



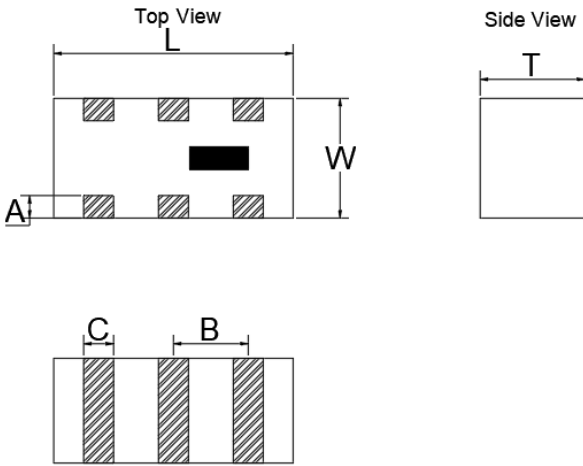
PIN	Connection	PIN	Connection
P1	GND	P4	Low Port
P2	Antenna Input	P5	GND
P3	GND	P6	Higher Port

Mounting Considerations

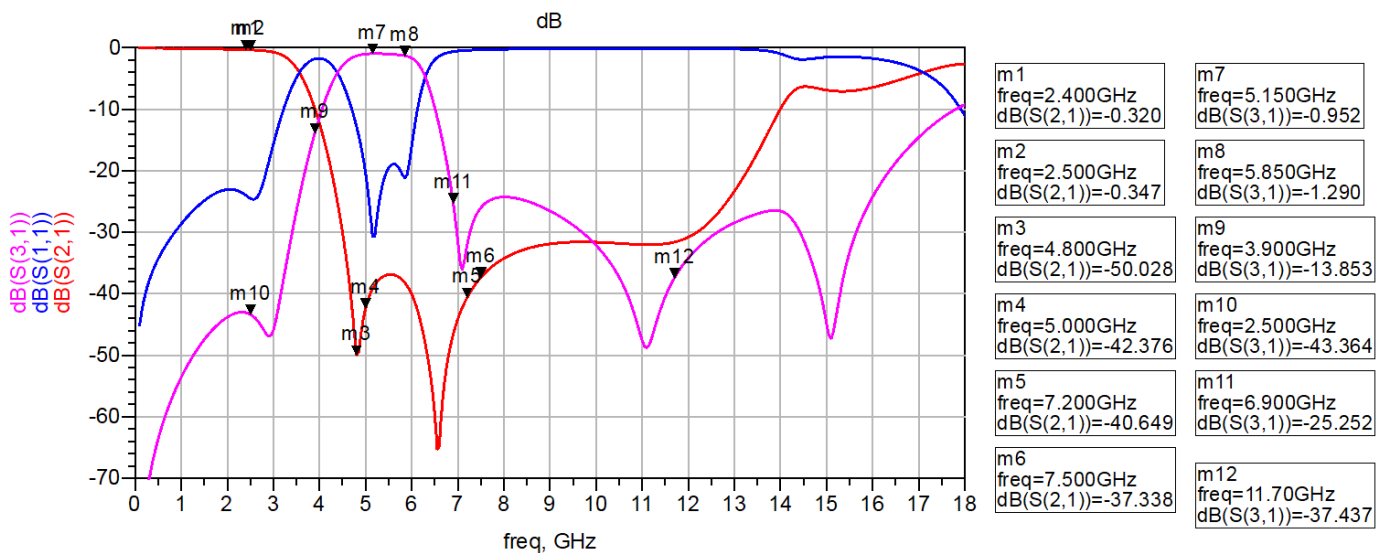


Unit: mm
 Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

Dimensions

Figure	Symbol	Dimension (mm)
	L	1.6 ± 0.10
	W	0.8 ± 0.10
	T	0.6 ± 0.10
	A	0.2 ± 0.10
	B	0.5 ± 0.10
	C	0.25 ± 0.10

Typical Electrical Characteristics (T=25°C)



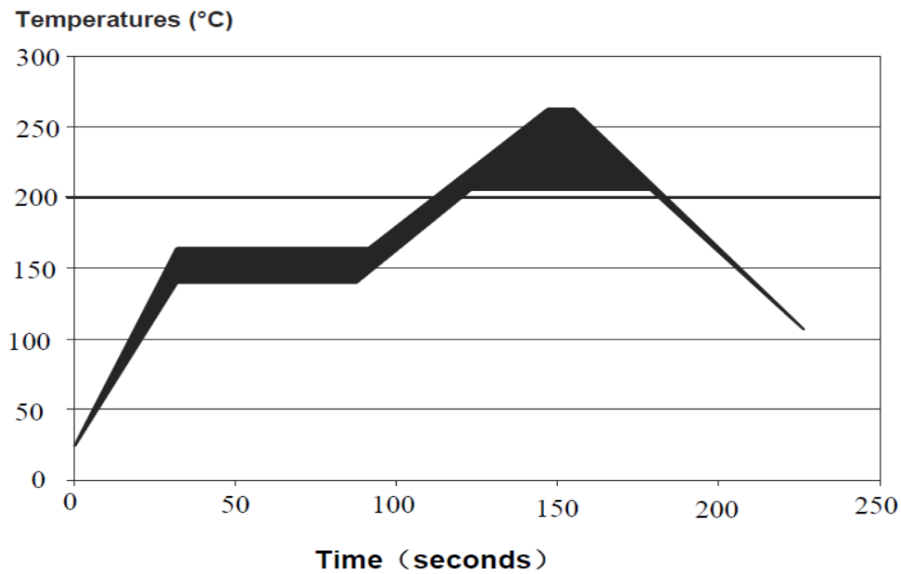
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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

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.