LBPF9600-2520

Multilayer Band Pass Filter 9.4-9.8GHz

Rev A0

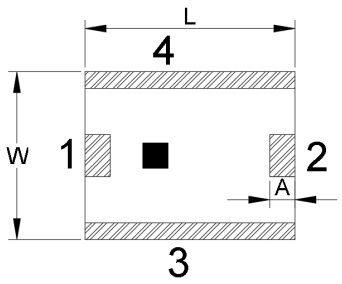
Features

- 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

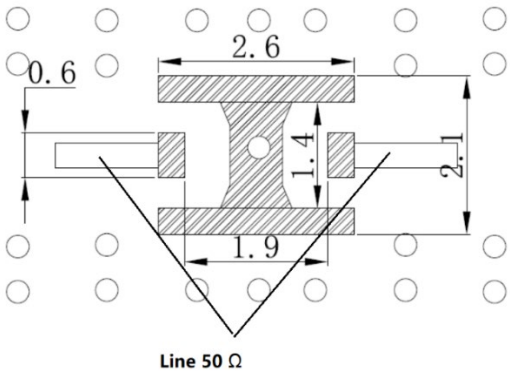
NO.	Parameter	SPC
1	Frequency (MHz)	9400~9800
2	Insertion Loss (dB)@9600MHz 25℃	≤2.5
3	1dB Bandwidth (MHz)	≤700
4	3dB Bandwidth (MHz)	≤1000
5	VSWR(In BW)	≤2.0
6	Attenuation(dB)	≥50@7800MHz
7	In/Output Impedance (Ω)	50
8	Power(W)	1
Operating & Storage Condition (Component) Operation Temperature Range: -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
1	Input port	3	GND
2	Output port	4	GND

Mounting Considerations



Unit: mm

Yantel Corporation

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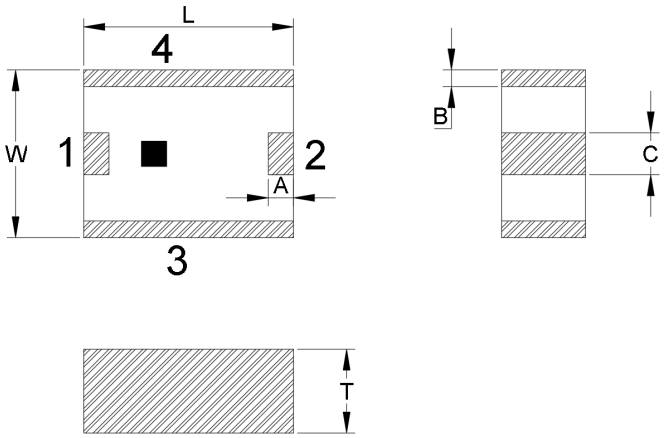
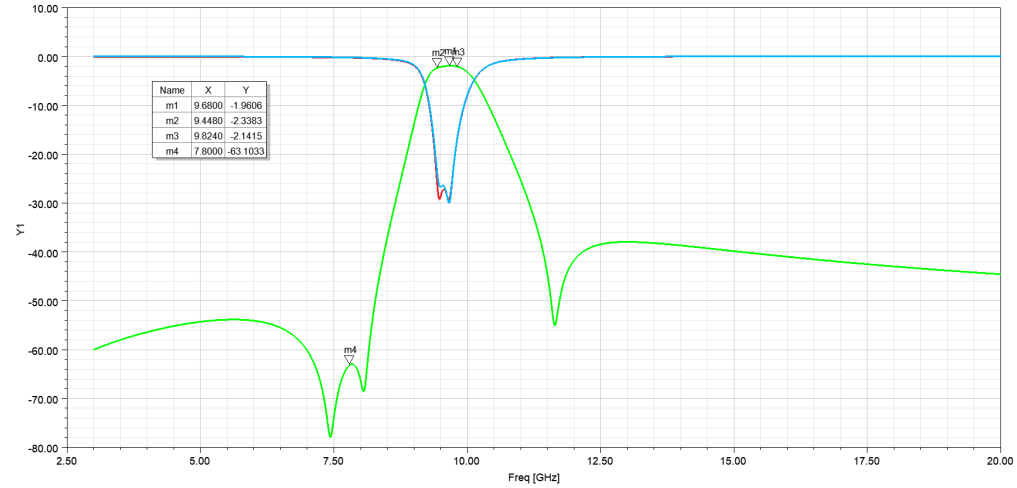
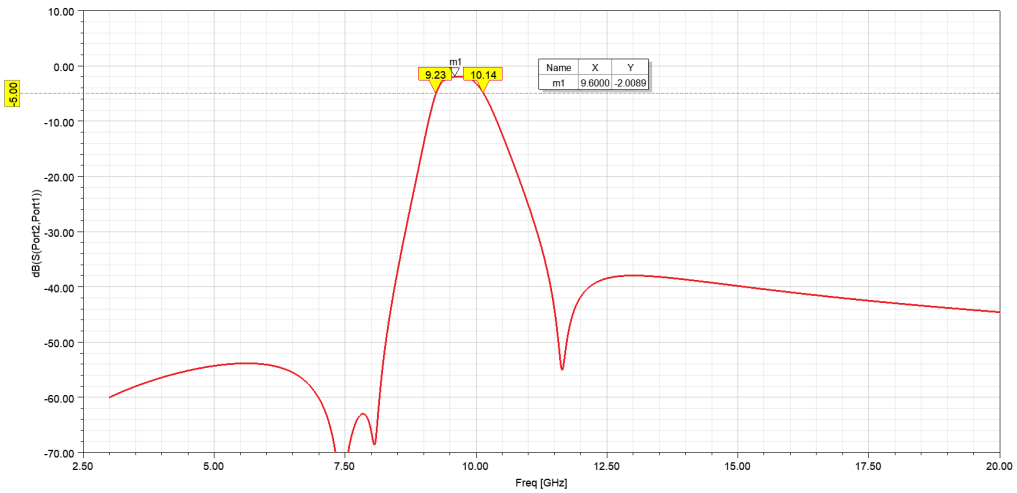
For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Dimensions

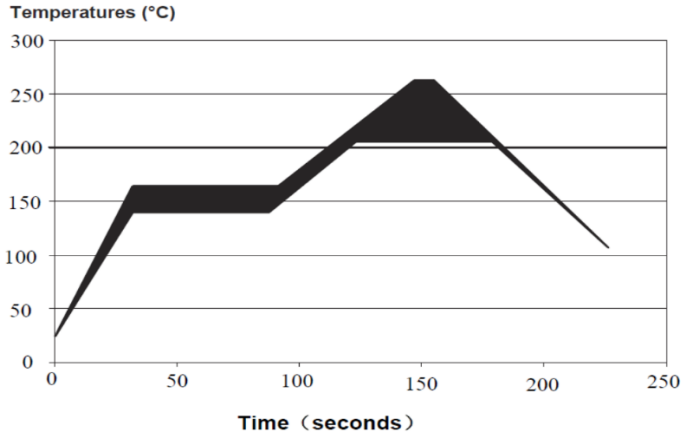
Figure	Symbol	Dimension (mm)
	L	2.50±0.20
	W	2.0±0.20
	T	1.0±0.20
	A	0.30±0.10
	B	0.20±0.10
	C	0.50±0.20

Typical Electrical Characteristics (T=25° C)





Solder Reflow Standard Conditioning



Storage Conditions

Temperature : +5 to +30 ℃

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.**