LBPF1625-3216

Multilayer Band Pass Filter

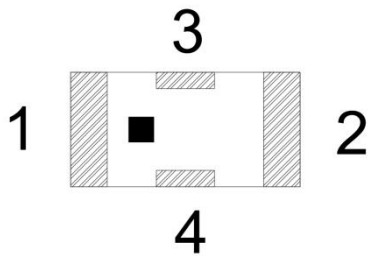
Features

- 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

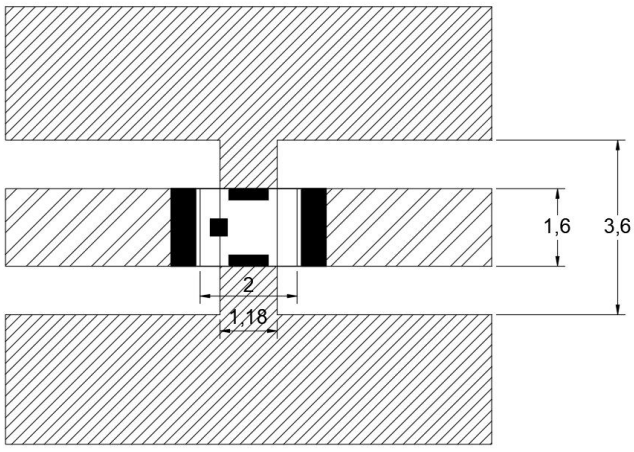
NO.	Parameter		SPC
1	Frequency (MHz)		1300~1950
2	Insertion Loss (dB)@25℃		≤1.5
3	VSWR(In BW)		≤2.0
4	Ripple (dB)		≤1.0 dB
5	Attenuation	DC~1000MHz	≥30 dBc
		3250MHz	≥35dB
6	In/Output Impedance (Ω)		50
7	Input Power		10W
Operating & Storage Condition (Component) Operation Temperature Range: -40℃ ~ +85℃ 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
1	Input Port
2	Output Port
3	GND
4	GND

Mounting Considerations



Unit: mm

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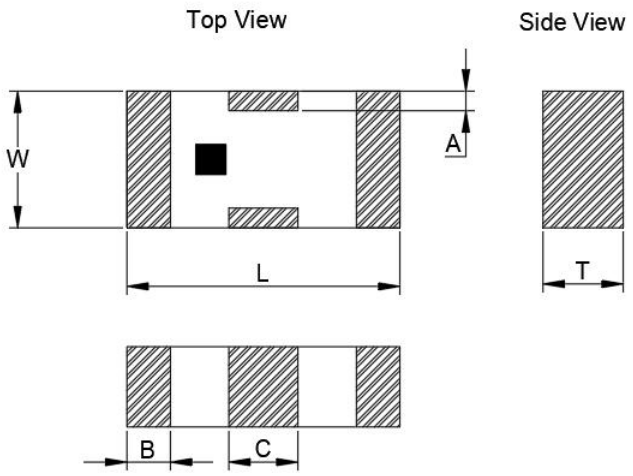
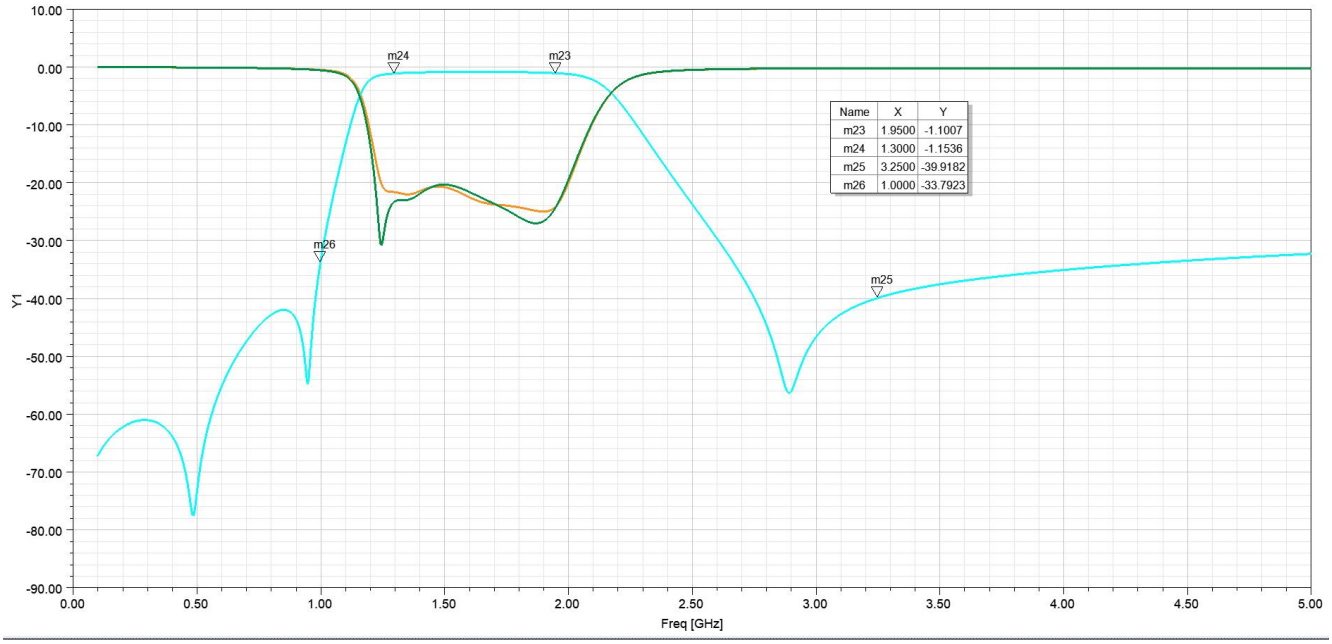
For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

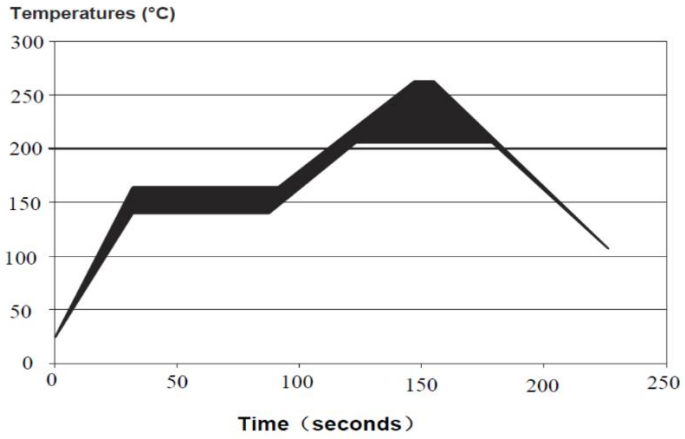
Dimensions

Figure	Symbol	Dimension (mm)
	L	3.20 ± 0.20
	W	1.60 ± 0.20
	T	0.94± 0.20
	A	0.23± 0.10
	B	0.51 ± 0.10
	C	0.81± 0.10

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.**