LBPF7620-4532

Multilayer Band Pass Filter

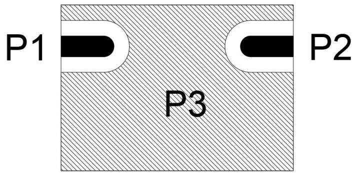
Features

- ● 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

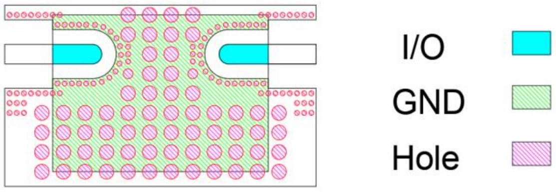
NO.	Parameter	SPEC
1	Frequency range	7610-7630 MHz
2	Insertion Loss	3.2dB max. at +25℃;
3	Ripple	0.5dB
4	Attenuation	60 dB min. @ DC-6000MHz 30 dB min. @ 9300MHz 50 dB min. @10000-16000MHz
5	VSWR (In BW)	2.0 max.
6	Port Impedance	50Ω
7	Power	0.5W max.
8	Operation Temperature Range	-55℃ ~ +100℃

Construction



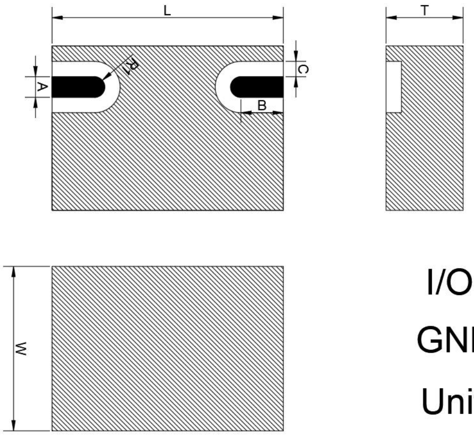
PIN	Connection
1	Input port
2	Output port
3	GND

Mounting Considerations

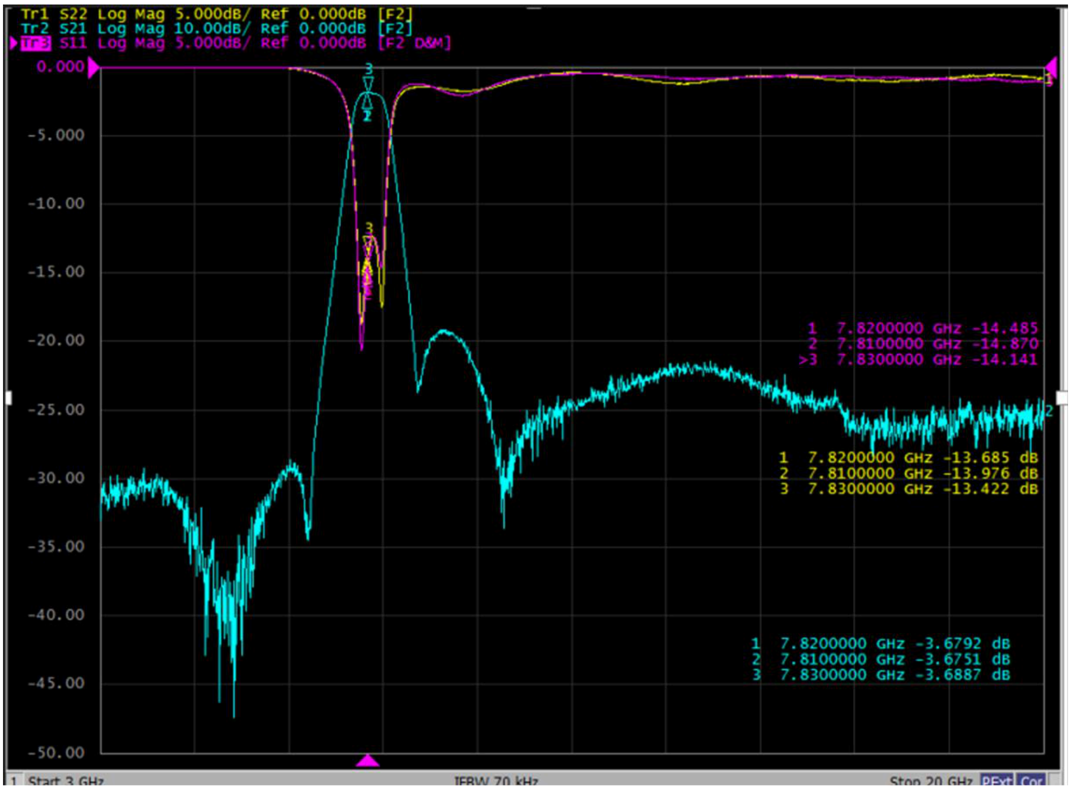


Unit: mm
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

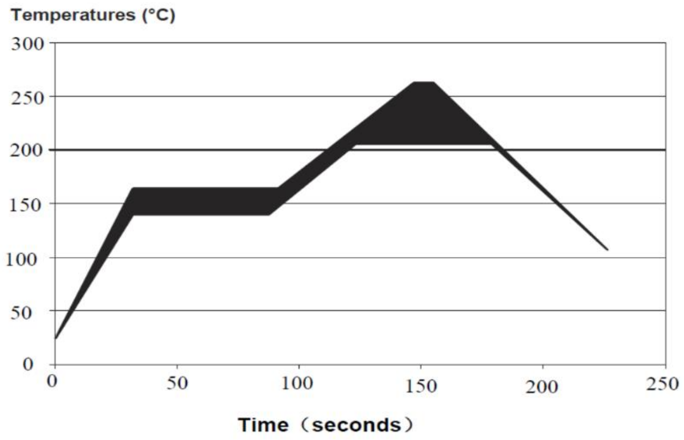
Dimensions

Figure	Symbol	Dimension (mm)
 I/O ■ GND ▨ Unit: mm Tolerance: ±0.2	L	4.5 ± 0.20
	W	3.2 ± 0.20
	T	1.5± 0.20
	A	0.4± 0.10
	B	0.83 ± 0.10
	C	0.3 ± 0.10
	R1	0.2 ± 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.**