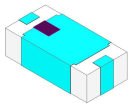
Bandpass Filter

JY-BFCN-1262+

Features
- small size
- temperature stable
- LTCC construction

Applications
- Harmonic rejection
- Transmitters / Receivers



Generic photo used for illustration purposes only

50Ω 12100 to 13200 MHz

Electrical Specifications[1] at 25°C

Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	-		12600		MHz
	Insertion Loss	12100-13200	-	5	7	dB
	Insertion Loss	12300-13000	-	4	-	dB
	VSWR	12100-13200	-	1.7	-	:1
Stop Band, Lower	Insertion Loss	DC-9760	30	45	-	dB
Stop Band, Upper	Insertion Loss	15170-25000	20	30	-	dB
		25000-35000	15	20	-	dB

1. This filter is not intended for use as a DC Blocking circuit element. In Application where DC voltage is present at either input or output ports, blocking capacitors are required at the corresponding RF port.

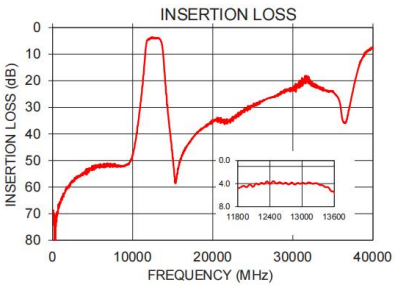
Maximum Ratings

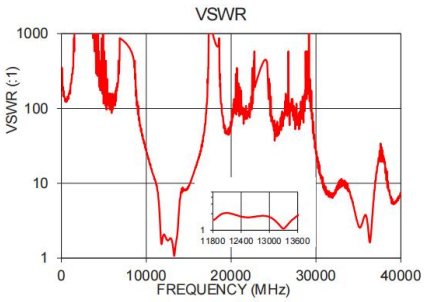
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	2W .at 25°C

*Passband rating, derate linearly to 0.5W at 100°C ambient
Permanent damage may occur if any of these limits are exceeded.

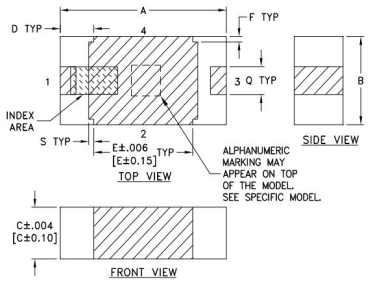
Pin Connections

Input	1
Output	3
Ground	2

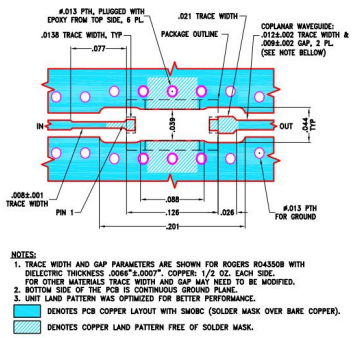




Outline Drawing



Suggested PCB Layout



Suggested Layout
Tolerance to be within ±0.05

Outline Dimensions：Unit (mm)

A	3.20	B	1.60	C	0.94
D	0.66	E	1.91	F	0.10
G	4.62	H	2.64	J	1.75
K	3.02	L	1.04	M	0.99
N	0.33	P	0.61	Q	0.51
R	0.99	S	0.10		

JY-BFCN-1262+

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