Band Pass Filter

WGLB-00960-4842

50Ω 900 to 1020 MHz

Ver. A

2026.10.21

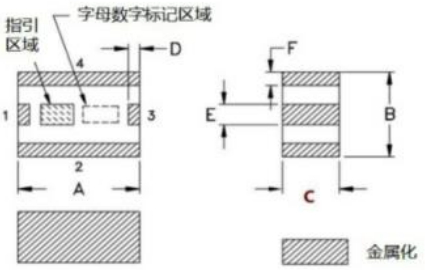
Maximum Rating

Operating Temperature	-55℃~+125℃
Storage Temperature	-55℃~+125℃
RF Input Power	2.0W max at 25℃

Pin Connections

RF Input	1
RF Output	3
Ground	2,4

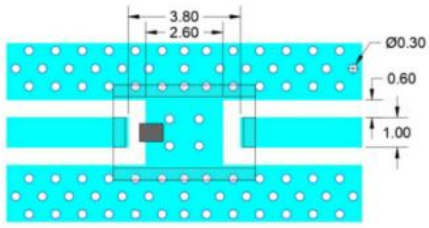
Outline Drawing



外形尺寸(mm)

A	B	C
4.80±0.30	4.20±0.25	2.0max
D	E	F
0.40±0.20	1.00±0.20	0.40±0.20

推荐PCB布局



注:
1. 线宽和线间距如图所示，使用0.508mm厚度RO4350B介质，双面铜厚1/2 OZ。如需采用其他材质，线宽和线间距可能需要调整。
2. PCB板的底面全铺铜。

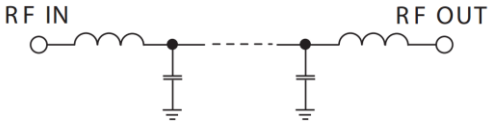
单位：mm

Features

- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure



RoHS Compliant



Functional Schematic

Application

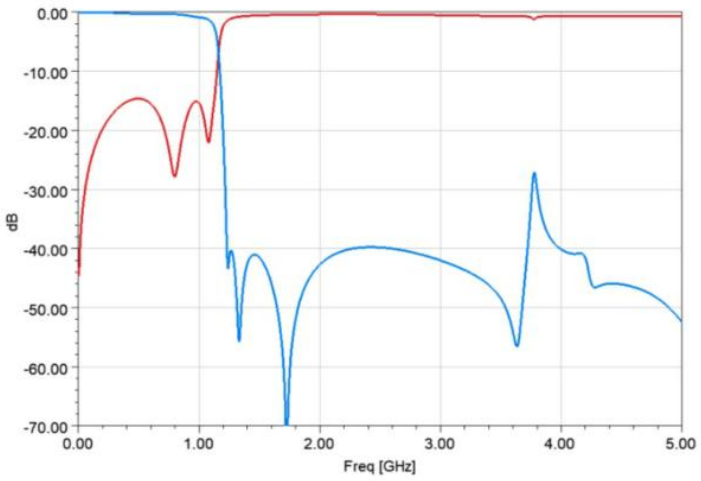
- Harmonic Rejection
- Transmitters/Receivers
- Lab Use

Electrical Specifications(1) at 25℃

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Operating Frequency	--	900	--	1020	MHz
	Insertion Loss	900-1020	--	--	3.0	dB
	VSWR	900-1020	--	--	1.7	:1
Stop Band	Rejection Loss	1250	30	--	--	dB

(1) Test on our Demo Board.

(2) This series of products cannot be directly used in DC circuits, If it needs to be used in DC circuits, appropriate capacitors need to be added at the input and output terminals.



Notes:

a. The specifications are tested at 25℃±5℃, relative humidity 55~75%.
b. Other quality and characteristic not specify in this datasheet.
Please contact us for detail requirements.

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