

Band Pass Filter

WGLB-05151

50Ω 4120 to 6440 MHz

Ver. A
2026.03.16

Maximum Rating

Operating Temperature	-55°C~+100°C
Storage Temperature	-55°C~+100°C
RF Input Power	1W max at 25°C

Pin Connections

RF Input	1
RF Output	3
Ground	2

Features

- excellent power handling
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure



Application

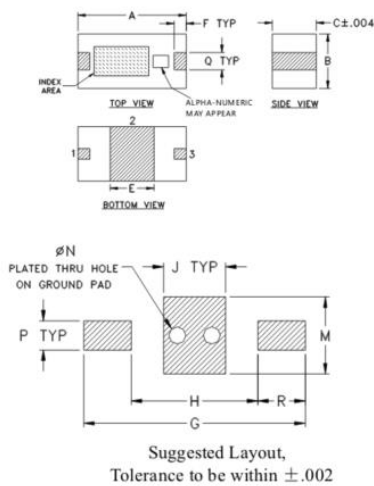
- Harmonic Rejection
- Transmitters/Receivers

RoHS Compliant

Electrical Specifications⁽¹⁾ at 25°C

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Center Frequency	--	--	5151	--	MHz
	Insertion Loss	4120-6440	--	1.2	3.0	dB
	Return Loss	4120-6440	--	14	--	dB
Stop Band Lower	Rejection Loss	DC-3000	20	24	--	dB
Stop Band Upper	Rejection Loss	8820-10450	20	32	--	
		10450-14250	15	25	--	

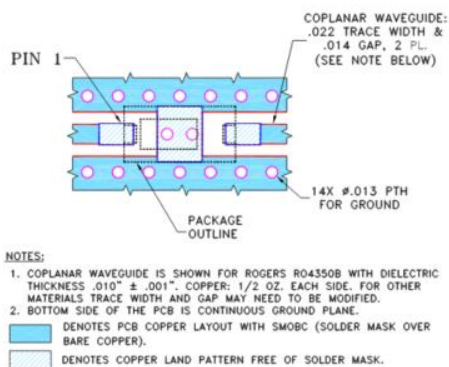
外形图示



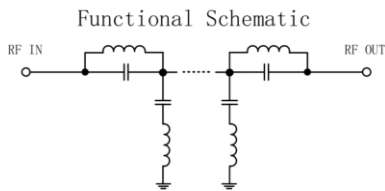
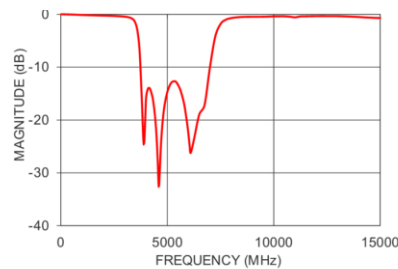
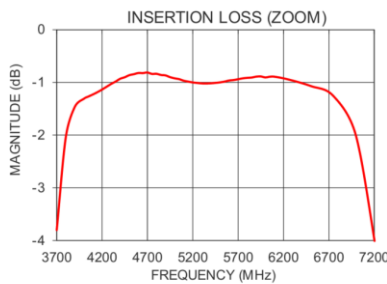
外形尺寸 (inches)

A	B	C	E	F	G	H
.126	.063	.051	.051	.014	.183	.104
3.20	1.60	1.30	1.30	0.36	4.65	2.64
J	M	N	P	Q	R	wt
.051	.063	.014	.024	.020	.039	grams
1.30	1.60	0.36	0.61	0.51	0.99	.020

推荐的PCB布局



(1) Tested on Demo Board.



Notes

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



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