

Low Pass Filter

WGLL-05000-1608

50Ω DC to 5000 MHz

Ver. A
2026.05.10

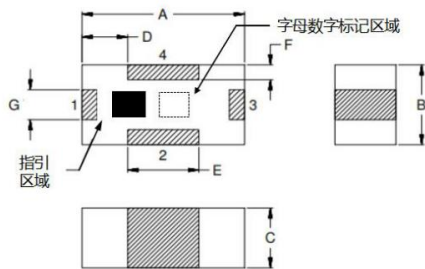
Maximum Rating

Operating Temperature	-55°C~+125°C
Storage Temperature	-55°C~+125°C
RF Input Power	2.5W max at 25°C

Pin Connections

RF Input	1
RF Output	3
Ground	2,4

Outline Drawing

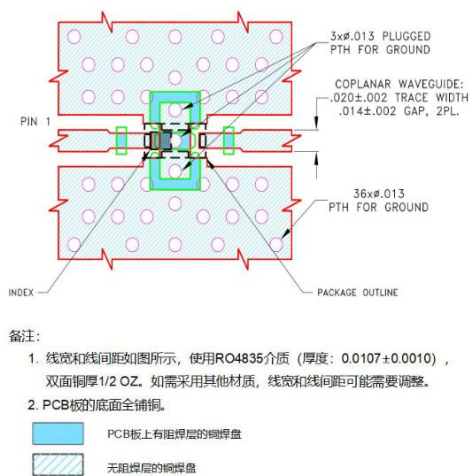


外形尺寸(mm)

A	B	C	D	E	F	G
1.60	0.80	0.60	0.45	0.70	0.20	0.30

容差: ±0.15mm

推荐PCB布局

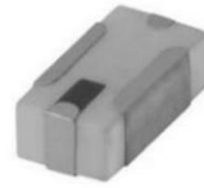


Features

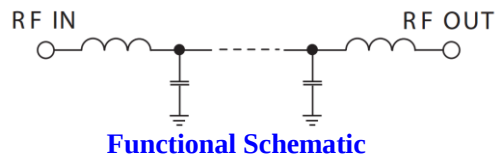
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



RoHS Compliant

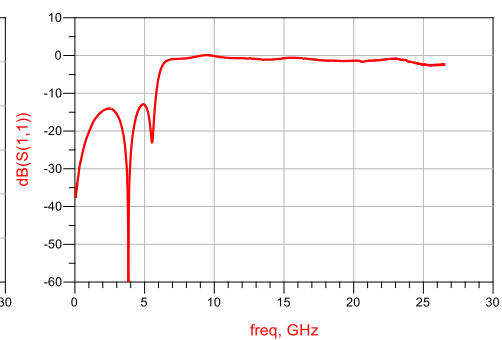
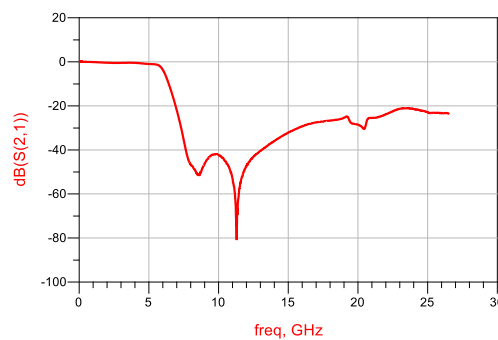


Electrical Specifications⁽¹⁾ at 25°C

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Insertion Loss	DC-5000	--	1.6	2.1	dB
	Freq. Cut-off	5750	--	3.0	--	dB
	Return Loss	DC-5000	--	13	--	dB
Stop Band	Rejection Loss	7200-7600	20	40	--	dB
		7600-11000	30	43	--	
		11000-16000	25	34	--	
		16000-26500	--	15	--	

(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:

- 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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