

Low Pass Filter

WGLL-11000-1608

50Ω DC to 11000 MHz

Ver. A
2026.05.10

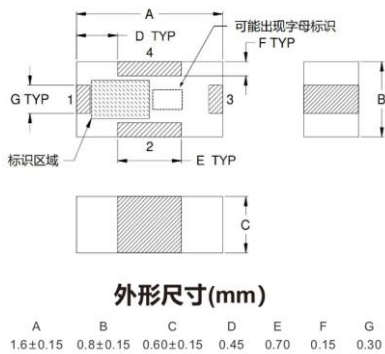
Maximum Rating

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

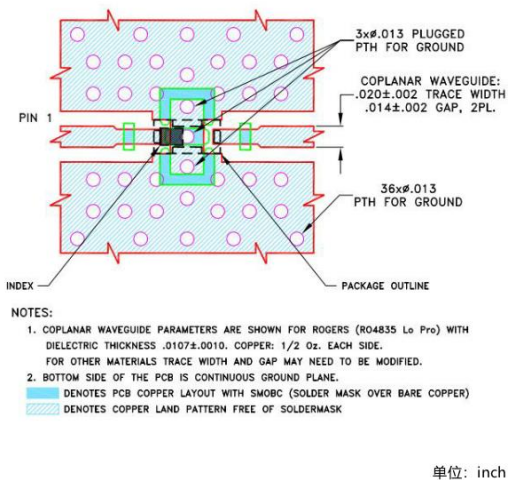
Pin Connections

RF Input	1
RF Output	3
Ground	2,4

Outline Drawing



推荐PCB布局



Features

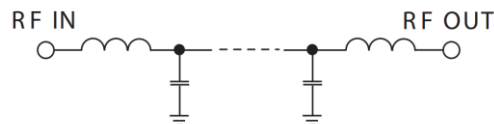
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



RoHS Compliant

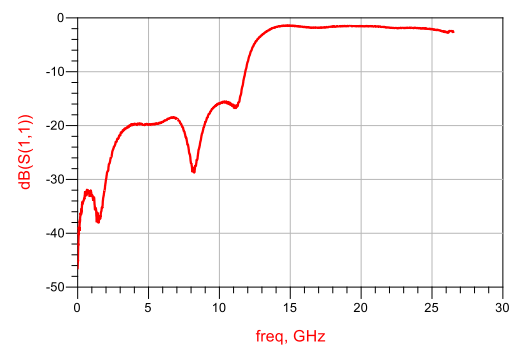
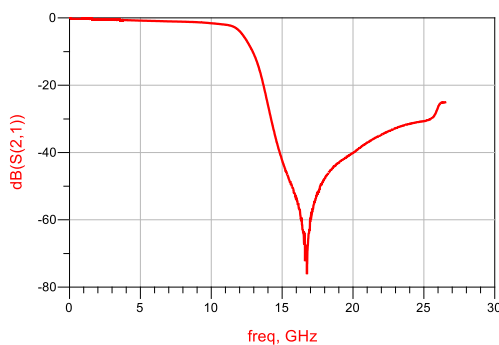


Functional Schematic

Electrical Specifications⁽¹⁾ at 25°C

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Insertion Loss	DC-11000	--	1.5	2.4	dB
	Freq. Cut-off	11900	--	3.0	--	dB
	Return Loss	DC-11000	--	12	--	dB
Stop Band	Rejection Loss	14800-16000	20	39	--	dB
		16000-19000	28	36	--	
		19000-23500	23	32	--	
		23500-26500	--	20	--	

- (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°C±5°C, relative humidity 55~75%.
 - b. Other quality and characteristic not specify in this datasheet.
- Please contact us for detail requirements.



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