

Low Pass Filter

WGLL-12000-1608

50Ω DC to 12000 MHz

Ver. A
2026.05.10

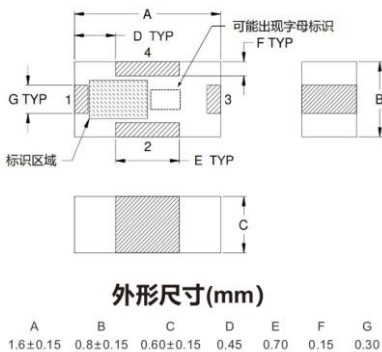
Maximum Rating

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

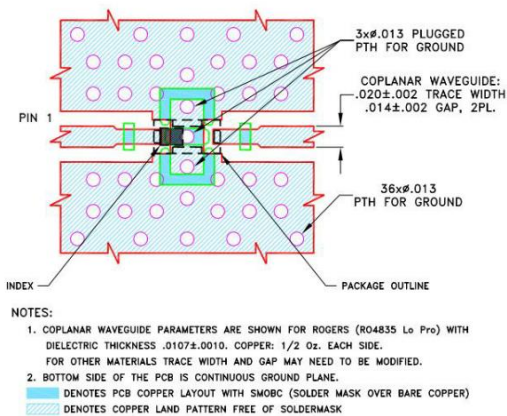
Pin Connections

RF Input	1
RF Output	3
Ground	2,4

Outline Drawing



推荐PCB布局



单位: inch

Features

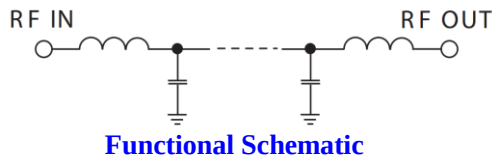
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



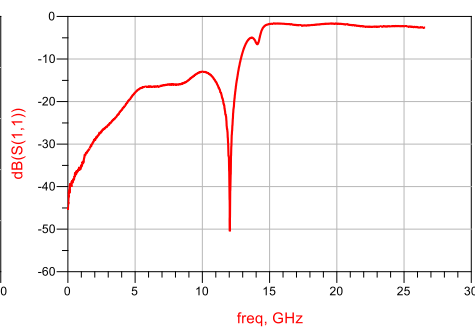
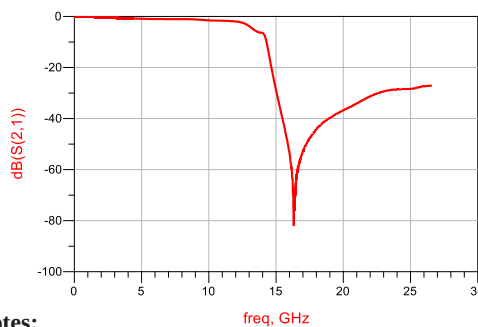
RoHS Compliant



Electrical Specifications⁽¹⁾ at 25°C

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Insertion Loss	DC-12000	--	1.2	2.1	dB
	Freq. Cut-off	13800	--	3.0	--	dB
	Return Loss	DC-12000	--	10	--	dB
Stop Band	Rejection Loss	16300-18500	20	38	--	dB
		18500-22000	28	38	--	
		22000-25000	25	35	--	
		25000-26500	--	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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