

# Low Pass Filter

## WGLL-03600-A

50Ω

DC to 3600 MHz

Ver. A  
2018.7.17

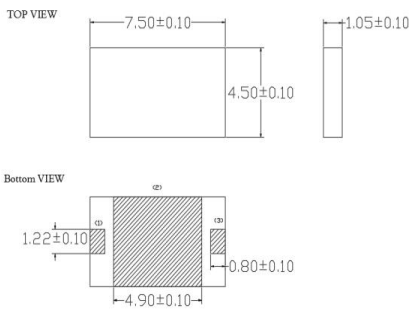
### Maximum Rating

Operating Temperature	-55°C~+100°C
Storage Temperature	-55°C~+100°C
RF Input Power	5W max at 25°C

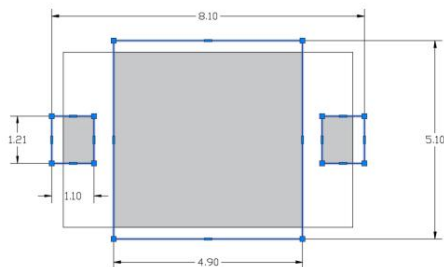
### Pin Connections

RF Input	1
RF Output	3
Ground	2

### Outline Drawing(mm)



### PCB Land Pattern(mm)



SUGGESTED LAYOUT

TOLERANCE TO BE WITHIN ±0.05mm

### Features

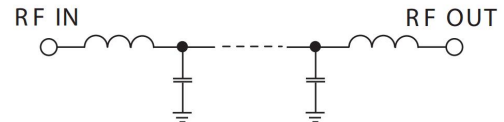
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

### Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



RoHS Compliant



Functional Schematic

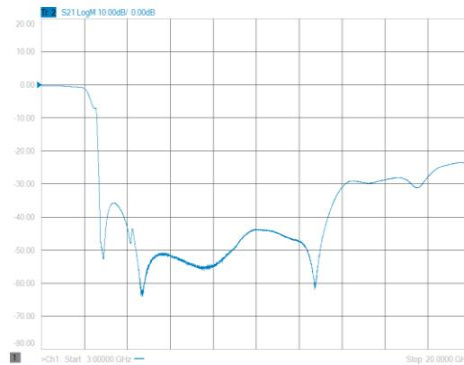
### Electrical Specifications<sup>(1)</sup> at 25°C

Parameter	Frequency (MHz)	MIN	Typ.	MAX	Unit	
Pass Band	Insertion Loss	DC-3600	-	0.37	0.4	dB
	Return Loss	3400-3600	20	21	-	dB
	VSWR	3400-3600	-	1.12	1.2	:1
Stop Band	Rejection Loss	5200-7500	15	30	-	dB
		10000-12500	40	43	-	dB

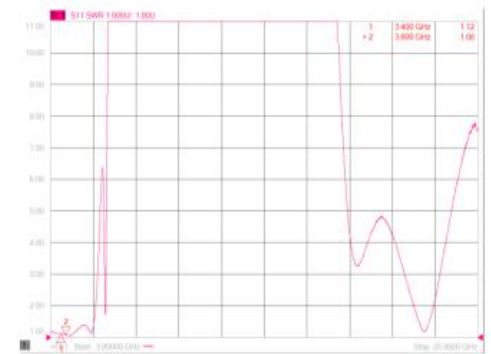
(1) Test on our Demo Board.

### Typical Performance at 25°C

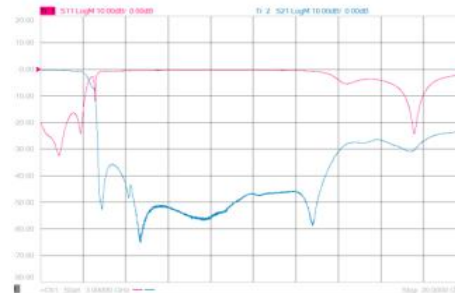
• S21



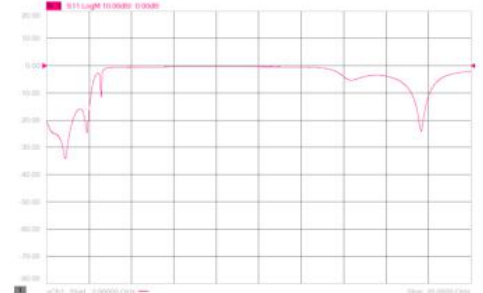
• VSWR



• S11&S21



• S21



### 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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