

# Band Pass Filter

## WGLB-03600-2012

50Ω      3300 to 3800 MHz

Ver. C  
2026.01.26

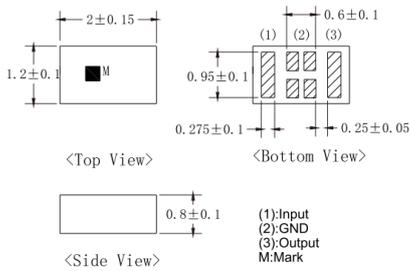
### Maximum Rating

Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
RF Input Power	2W max at 25°C

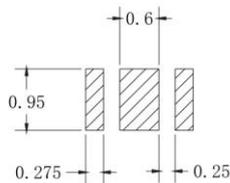
### Pin Connections

RF Input	1
RF Output	3
Ground	2

### Outline Drawing

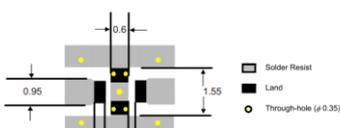


### PCB Land Pattern(mm)



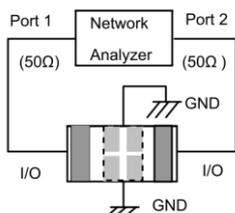
Tolerance to be within ±0.002  
Solder Paste: SAC 305 Type is Recommended

### Demo Board Suggested PCB Layout



Tolerance to be within ±0.002 Line width should be designed to match 50 characteristic impedance, depending on PCB material and thickness

### Measuring Diagram

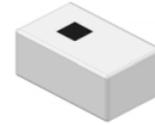


### Features

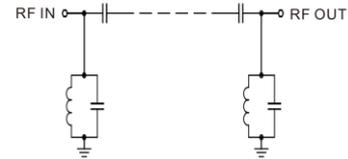
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

### Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



RoHS Compliant

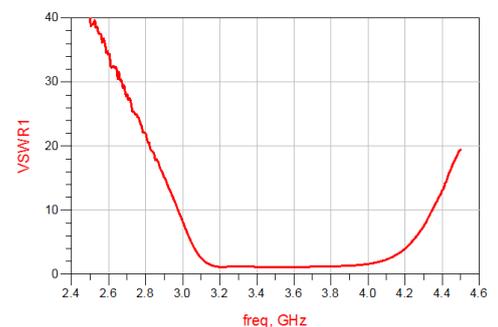


Functional Schematic

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

Parameter		Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Center Frequency	--	--	3600	--	MHz
	Insertion Loss	3300-3800	--	--	1.45	dB
		3400-3800	--	--	1.40	
	VSWR	3300-3800	--	--	2.0	dB
Stop Band	Rejection Loss	500-1785	35	--	--	dB
		1800-2700	32	--	--	
		2800	31.9	--	--	
		4700	10	--	--	
		5150-10800	30	--	--	

(1) Test on our 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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