

Coaxial Band-pass Filter

1-2 GHz/SMA Female&Male

Model: TLBF-1G-2G-XG

TLBF-1G-2G-XG is a coaxial band-pass filter with a passband frequency from 1 to 2 GHz and a rejection frequencies from DC to 0.7 GHz and from 2.3 to 4 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 1 to 2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

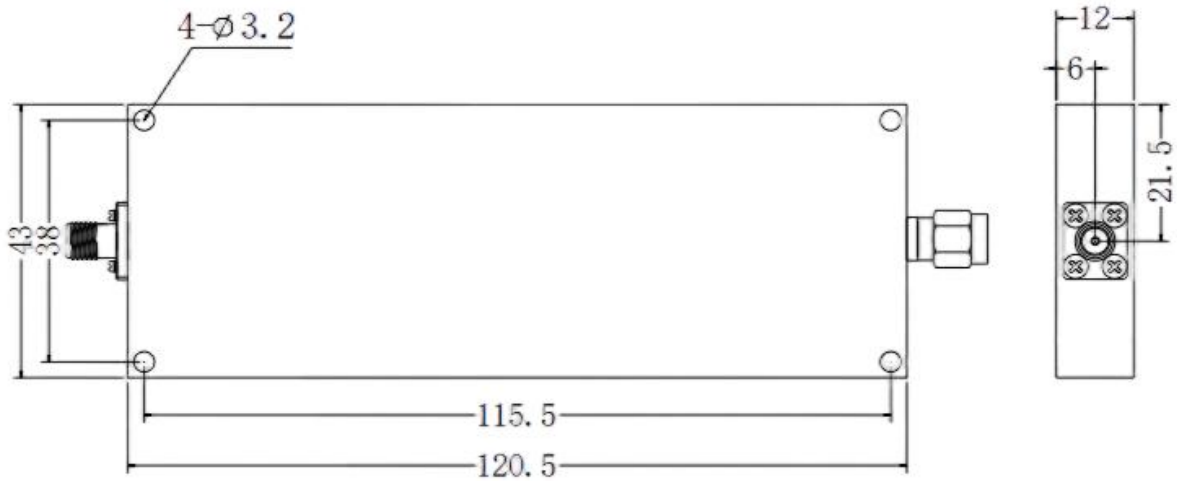
Parameter	Min	Typ	Max	Units
Passband Frequency range	1		2	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.0	dB
VSWR			1.8	:1
Rejection@DC-0.7GHz&2.3-4GHz	50			dB
Power Handling			15	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female/Male	
Size	12*43*120.5	mm

Outline Drawing:

Unit:mm

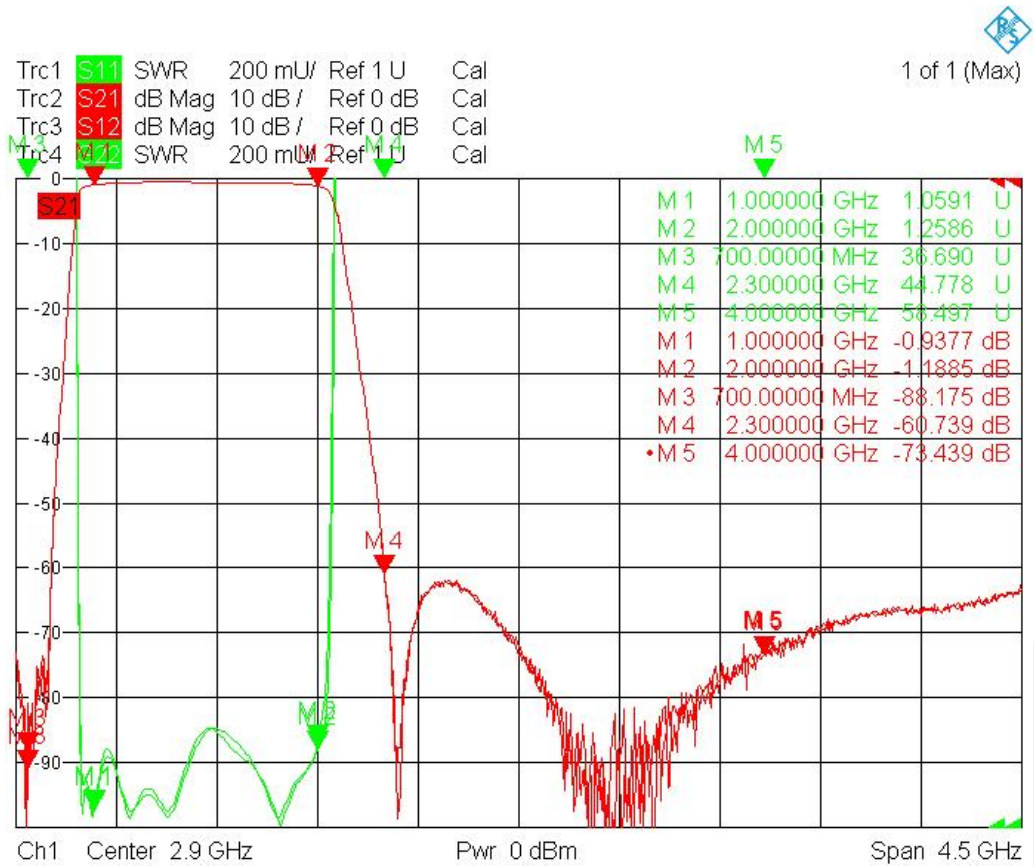


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G-2G-XG	Coaxial Band-pass Filter, Passband frequency range: 1-2GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.