

Coaxial Band-pass Filter

1.1-2.35 GHz/SMA Female

Model: TLBF-1G1-2G35-X

TLBF-1G1-2G35-X is a coaxial band-pass filter with a passband frequency from 1.1 to 2.35 GHz and a rejection frequencies from DC to 0.7 GHz and from 2.8 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 1.1 to 2.35 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

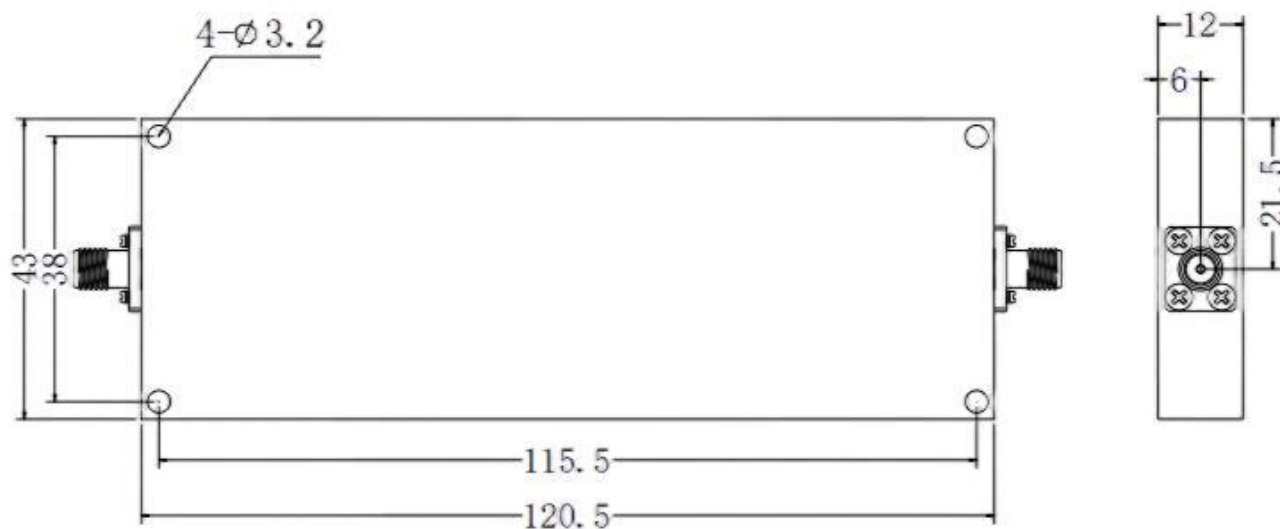
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.1		2.35	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.0	dB
VSWR			1.8	:1
Rejection@DC-0.7GHz&2.8-4GHz	50			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

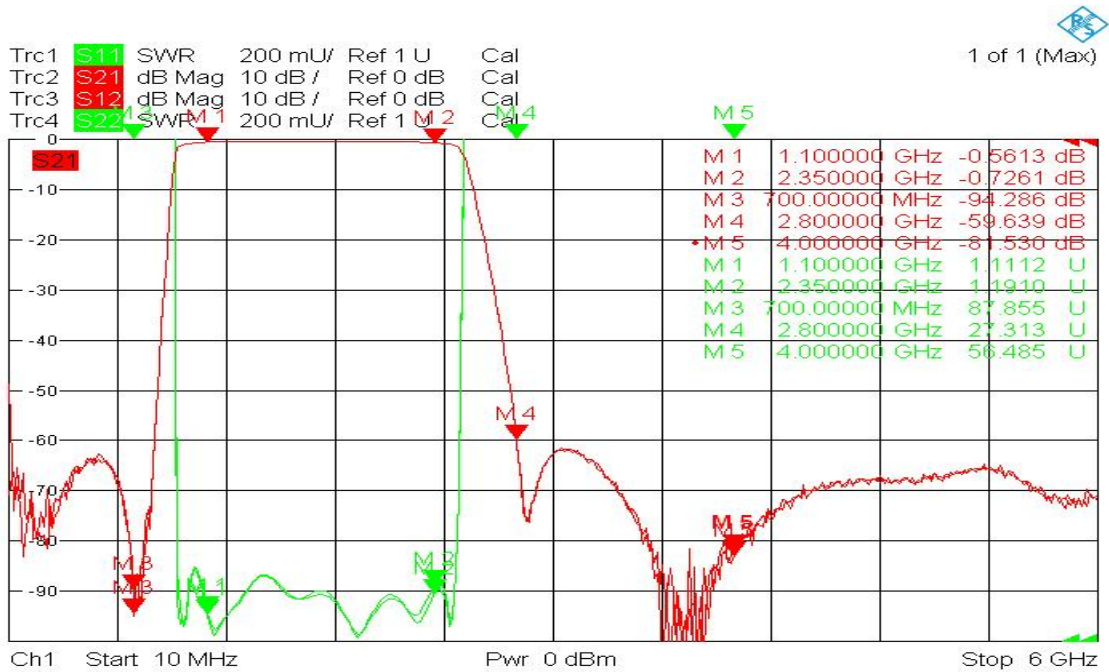


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G1-2G35-X	Coaxial Band-pass Filter, Passband frequency range: 1.1-2.35GHz, 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.