

Coaxial Band-pass Filter

1.5-4.5 GHz/SMA Female

Model: TLBF-1G5-4G5-X

TLBF-1G5-4G5-X is a coaxial band-pass filter with a passband frequency from 1.5 to 4.5 GHz and a rejection frequencies from DC-0.8 GHz and 5.2-10 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 1.5 to 4.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

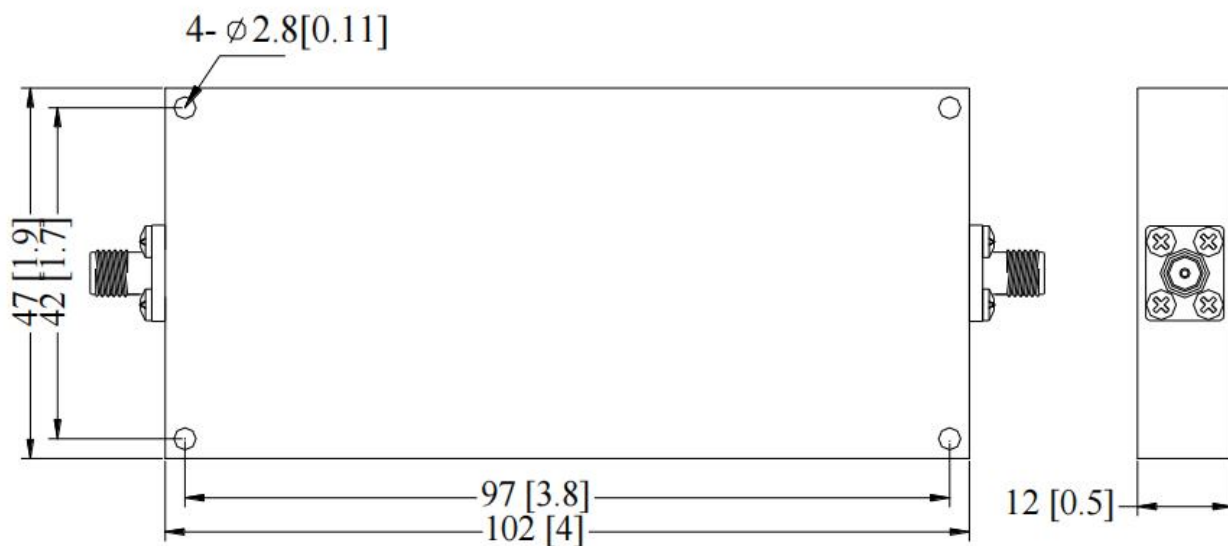
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.5		4.5	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.0	dB
Rejection	>50dB@dc-0.8Ghz >50dB@5.2-10Ghz			
耐Power Handling			10	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G5-4G5-X	Coaxial Band-pass Filter, Passband frequency range:1.5-4.5GHz, Passband Insertion Loss:1.5dB, SMA Female	Rev.1.0