

Coaxial Band-pass Filter

4.7-5.1 GHz/SMA Female

Model: TLBF-4G9-400M-E

TLBF-4G9-400M-E is a coaxial band-pass filter with a passband frequency from 4.7 to 5.1 GHz and a rejection frequencies from DC-4 GHz and 5.9 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 4.7 to 5.1 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

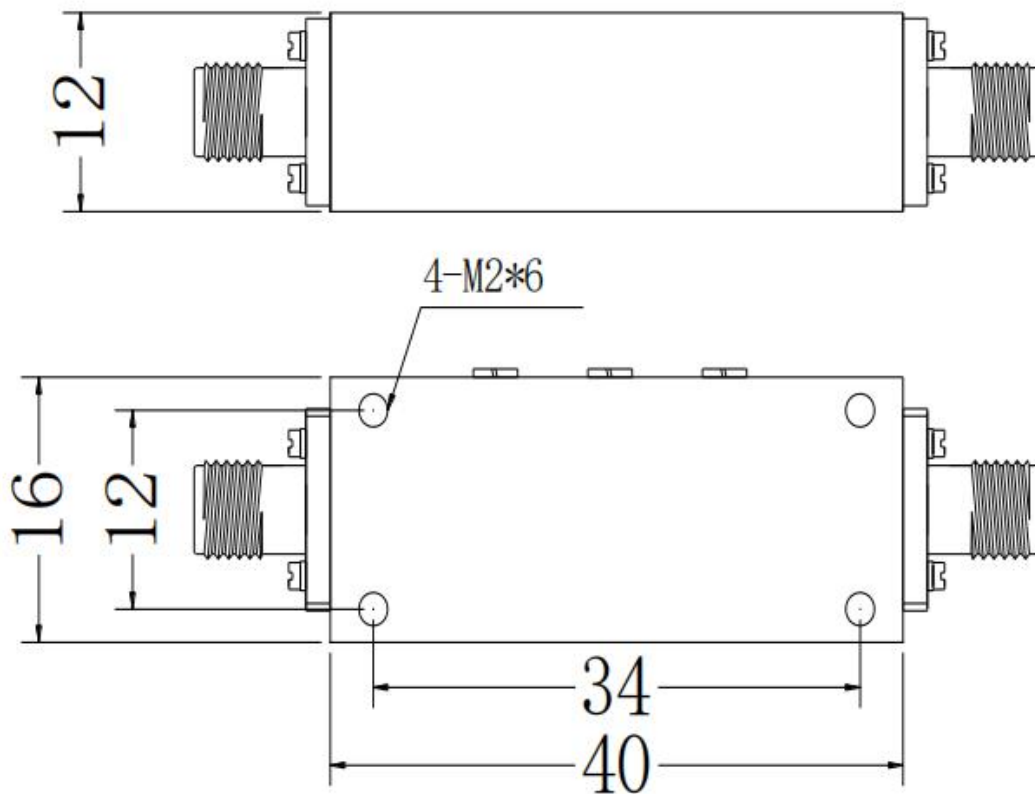
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.7		5.1	GHz
Band Width			0.4	GHz
Insertion Loss(fo)			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>40dB@DC-4000MHz 5900MHz			
Power Handling			50	W
VSWR			1.6	:1
Impedance	50			Ohms

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-4G9-400M-E	Coaxial Band-pass Filter, Passband frequency range: 4.7-5.1GHz, fo Insertion Loss: 1.0dB, SMA Female	Rev.1.0