

Coaxial Band-pass Filter

11.6-12.2 GHz/SMA Female

Model: TLBF-11G6-12G2-S

TLBF-11G6-12G2-S is a coaxial band-pass filter with a passband frequency from 11.6 to 12.2 GHz and a rejection frequencies from 11.35 GHz and 12.45 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 11.6 to 12.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

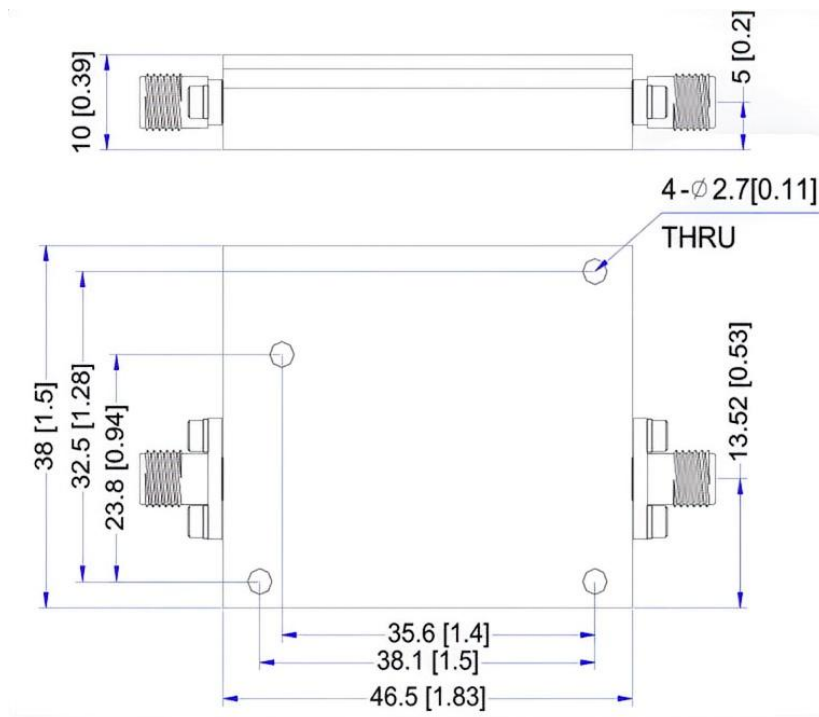
Parameter	Min	Typ	Max	Units
Passband Frequency range	11.6		12.2	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			1.4	dB
Rejection	≥40dBc@11.35&12.45GHz			dB
Power Handling			10	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 To +85	°C
Connectors	SMA Female	
Weight	/	g

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-11G6-12G2-S	Coaxial Band-pass Filter, Passband frequency range: 11.6-12.2GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0