

Coaxial Band-pass Filter

10.6-11.3 GHz/SMA Female

Model: TLBF-10G6-11G3-E

TLBF-10G6-11G3-E is a coaxial band-pass filter with a passband frequency from 10.6 to 11.3 GHz and a rejection frequencies @1035GHz and 11.55 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 10.6 to 11.3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

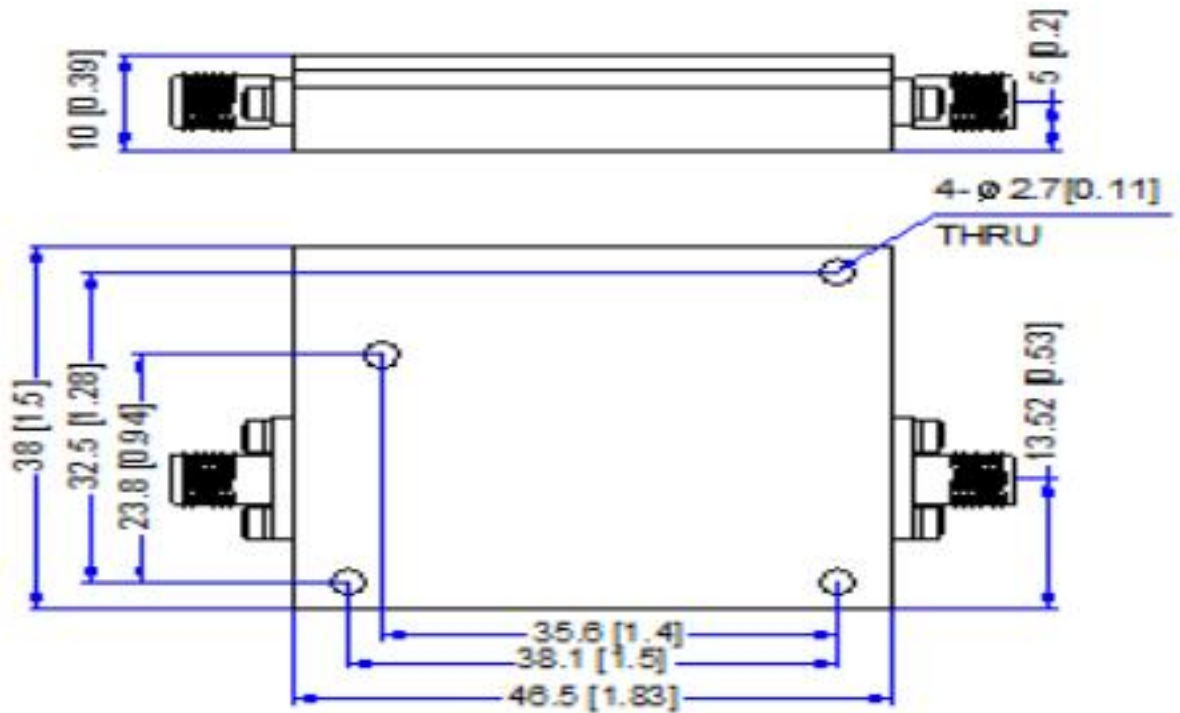
Parameter	Min	Typ	Max	Units
Passband Frequency range	10.6		11.3	GHz
Band Width			0.7	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple	0.8			dB
Rejection	>40dB@10.35&11.55GHz			dB
Power Handling			10	W
VSWR			1.5	:1
Impedance	50			Ohms

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-10G6-11G3-E	Coaxial Band-pass Filter, Passband frequency range: 10.6-11.3GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0