

Coaxial Band-pass Filter

1.3-3 GHz/SMA Female

Model: TLBF-1G3-3G-X

TLBF-1G3-3G-X is a coaxial band-pass filter with a passband frequency from 1.3 to 3 GHz and a rejection frequencies from DC to 0.6 GHz and from 3.6 to 6 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 1.3 to 3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

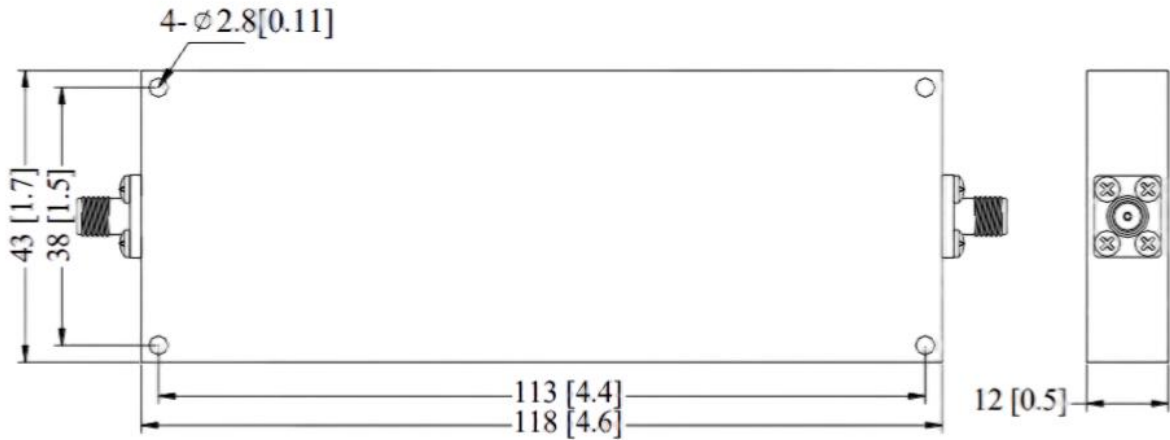
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.3		3	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.0	dB
VSWR			1.8	:1
Rejection@DC-0.6GHz&3.6-6GHz	50			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	12*43*118	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G3-3G-X	Coaxial Band-pass Filter, Passband frequency range: 1.3-3GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0