

Coaxial Band-pass Filter

1.1-1.7 GHz/SMA Female

Model: TLBF-1G1-1G7-L

TLBF-1G1-1G7-L is a coaxial band-pass filter with a passband frequency from 1.1 to 1.7 GHz and a rejection frequencies at $f_c \pm 400$ MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 1.1 to 1.7 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

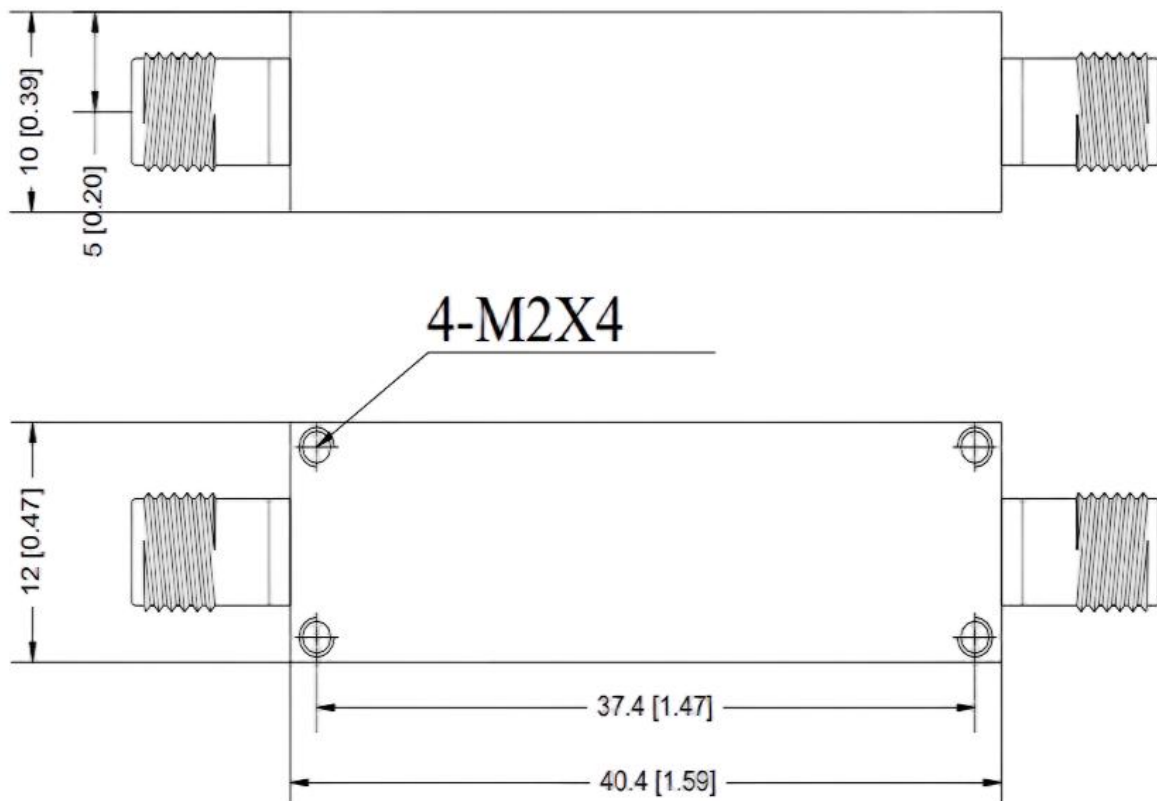
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.1		1.7	GHz
Band Width			600	MHz
Insertion Loss(f_0)			1.5	dB
Pass Band Ripple			1.2	dB
VSWR			1.5	:1
Rejection@ $f_c \pm 400$ MHz	50			dB
Power Handling			2	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	10*12*40.4	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G1-1G7-L	Coaxial Band-pass Filter, Passband frequency range:1.1-1.7GHz, Insertion Loss(f0):1.5dB, SMA Female	Rev.1.0