

Coaxial Band-pass Filter

700-1700 MHz/SMA Female

Model: TLBF-1G2-1G-L

TLBF-1G2-1G-L is a coaxial band-pass filter with a passband frequency from 700 to 1700 MHz and a rejection frequencies from DC to 550 MHz and point at 1900 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 700 to 1700 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

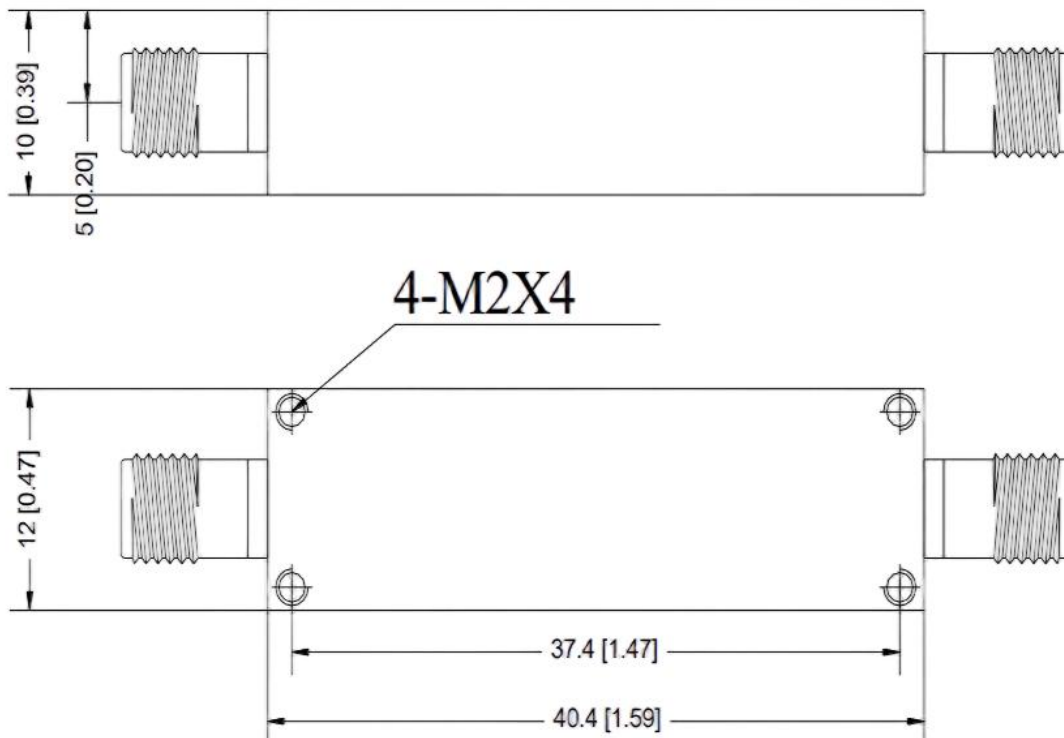
Parameter	Min	Typ	Max	Units
Passband Frequency range	700		1700	MHz
Band Width			1000	MHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
VSWR			1.6	:1
Rejection@DC-550MHz&1900MHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

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-1G2-1G-L	Coaxial Band-pass Filter, Passband frequency range: 700-1700MHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0