

Coaxial Band-pass Filter

500-1500 MHz/SMA Female

Model: TLBF-500M-1500M-L

TLBF-500M-1500M-L is a coaxial band-pass filter with a passband frequency from 500 to 1500 MHz and a rejection frequencies from DC to 200 MHz and point at 2.1 GHz. The maximum insertion loss of the filter is 2.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 500 to 1500 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

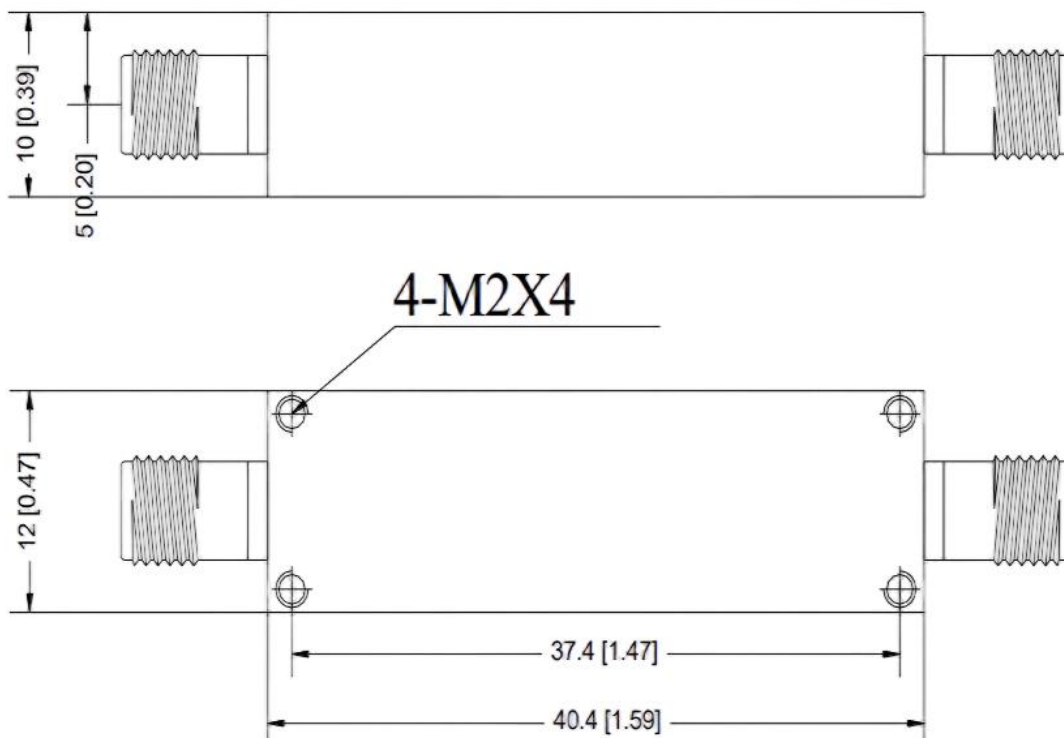
Parameter	Min	Typ	Max	Units
Passband Frequency range	500		1500	MHz
Band Width			1000	MHz
Passband Insertion Loss			2.8	dB
Pass Band Ripple			2.2	dB
VSWR			1.6	:1
Rejection@DC-200MHz&2.1GHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-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-500M-1500M-L	Coaxial Band-pass Filter, Passband frequency range: 500-1500MHz, Passband Insertion Loss: 2.8dB, SMA Female	Rev.1.0