

Coaxial Band-pass Filter

1300-1700 MHz/SMA Female

Model: TLBF-1500M-400M-L

TLBF-1500M-400M-L is a coaxial band-pass filter with a passband frequency from 1300 to 1700 MHz and a rejection frequencies point at 1000 MHz and 2000 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1300 to 1700 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

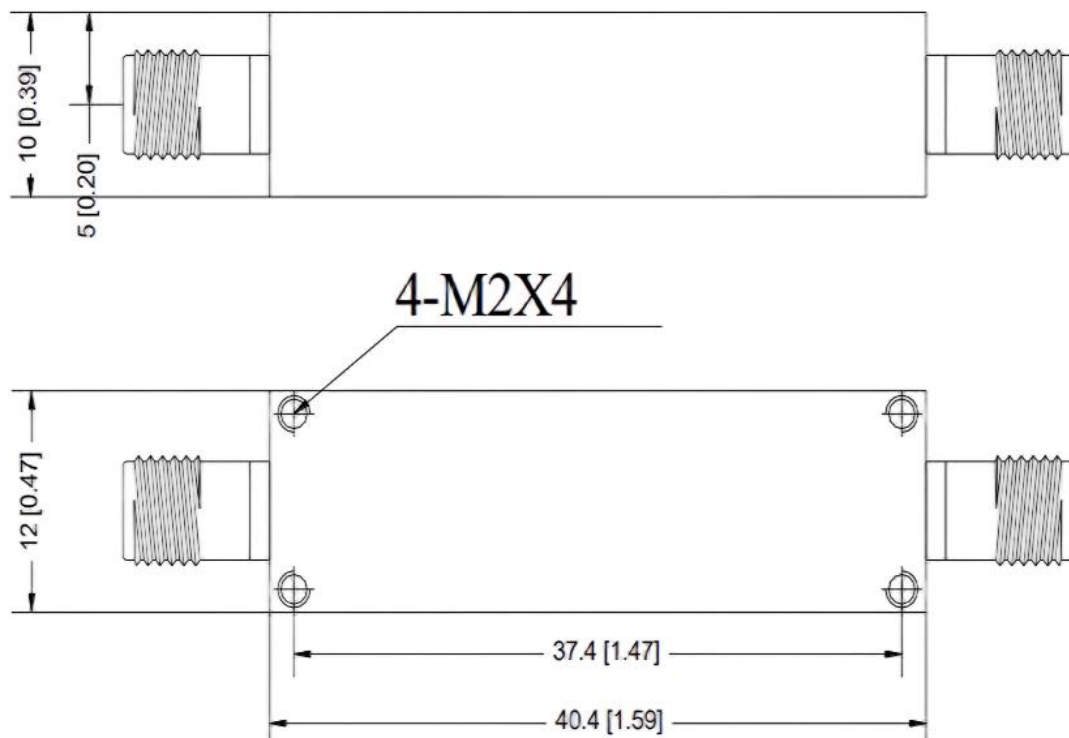
Parameter	Min	Typ	Max	Units
Passband Frequency range	1300		1700	MHz
Band Width			400	MHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
VSWR			1.6	:1
Rejection@1000MHz&2000MHz	40			dB
Power Handling			50	W
Impedance	50			Ohms

Environmental 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-1500M-400M-L	Coaxial Band-pass Filter, Passband frequency range: 1300-1700MHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0