

Coaxial Band-pass Filter

2-30 MHz/SMA Female

Model: TLBF-2M-30M-L2

TLBF-2M-30M-L2 is a coaxial band-pass filter with a passband frequency from 2 to 30 MHz and a rejection frequencies from DC to 1.3 MHz and point at 40 MHz. The maximum insertion loss of the filter is 2.2 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 2 to 30 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

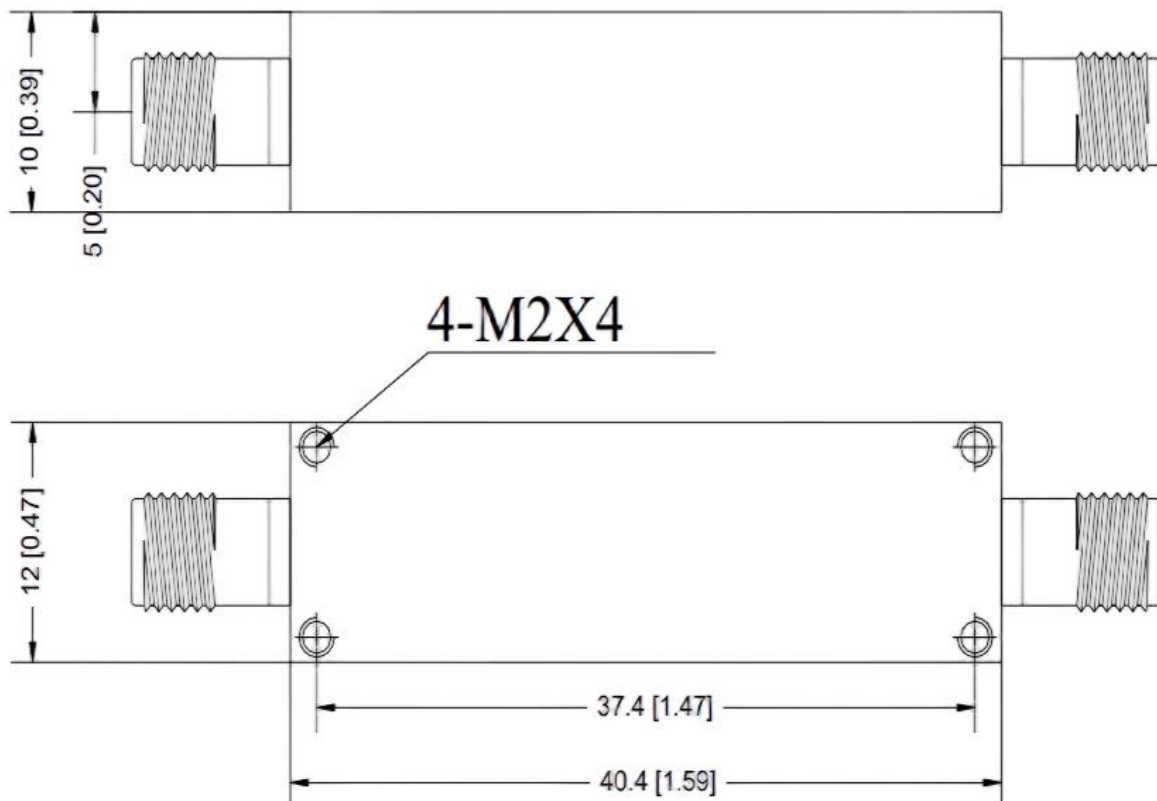
Parameter	Min	Typ	Max	Units
Passband Frequency range	2		30	MHz
Band Width			28	MHz
Insertion Loss(f0)			2.2	dB
Pass Band Ripple			2.0	dB
VSWR			1.6	:1
Rejection@DC-1.3MHz&40MHz	40			dB
Power Handling			2	W
Impedance	30			Ohms

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-2M-30M-L2	Coaxial Band-pass Filter, Passband frequency range: 2-30MHz, Insertion Loss(f0): 2.2dB, SMA Female	Rev.1.0