

Coaxial High-pass Filter

10-50 MHz/SMA Female

Model: TLHF-10-50M-L

TLHF-10-50M-L is a coaxial High-pass filter with a passband frequency from 10 to 50 MHz and a rejection frequency from DC to 6 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 10 to 50MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

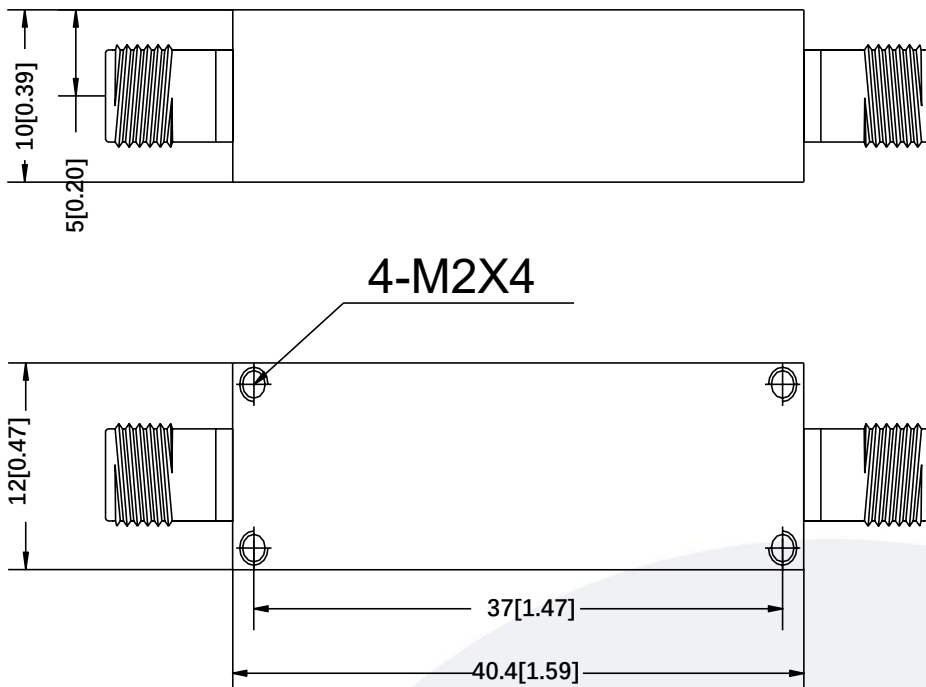
Parameter	Min	Typ	Max	Units
Passband Frequency range	10		50	MHz
Band Width			50	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.3	dB
VSWR			1.5	:1
Rejection@DC-6MHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

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
TLHF-10-50M-L	Coaxial High-pass Filter, Passband frequency range:10-50MHz, Passband Insertion Loss:1.0dB, SMA Female Coaxial Fixed Termination	Rev.1.1

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.