

Coaxial Low-pass Filter

DC-18 MHz/SMA Female

Model: TLLF-DC-18M-L

TLLF-DC-18M-L is a coaxial low-pass filter with a passband frequency from DC to 18 MHz and a rejection frequency @30 MHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 35 dB.

Features:

- Passband Frequency Range DC to 18 MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

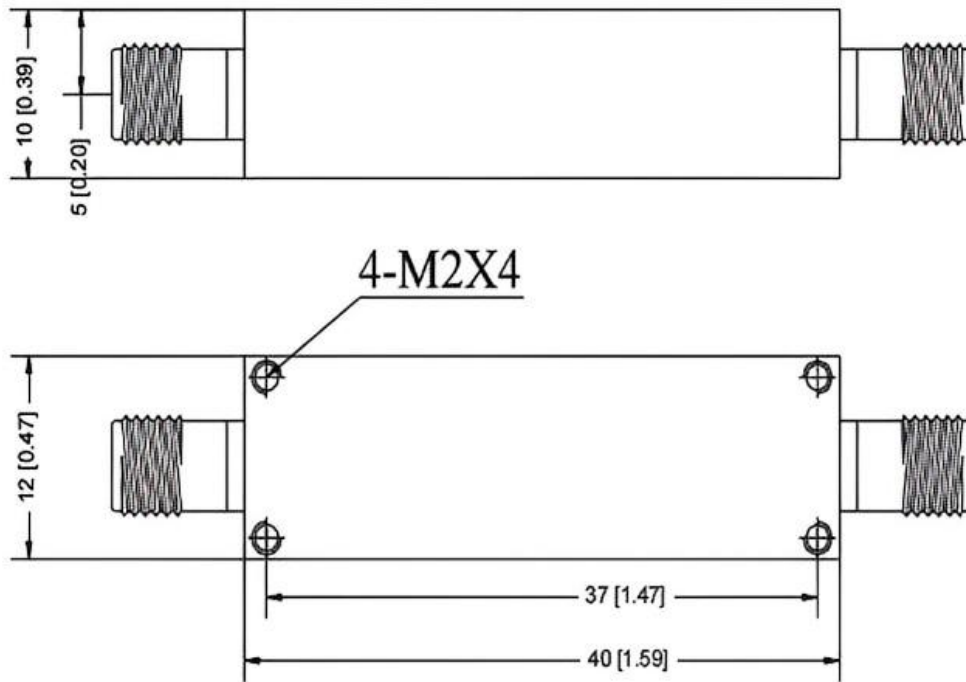
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		18	MHz
Passband Insertion Loss			3.0	dB
Pass band Ripple			0.8	dB
Group Delay			21	ns
Rejection		>35dB@30Mhz >55dB@60Mhz		
Power Handling			2	W
VSWR			1.5	:1
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	40*12*10	mm

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLLF-DC-18M-L	Coaxial Low-pass Filter, Passband frequency range: DC-18MHz, Passband Insertion Loss: 3.0dB, SMA Female	Rev.1.0