

Coaxial Band-pass Filter

450-1350 MHz/SMA Female

Model: TLBF-450M-1350M-L

TLBF-450M-1350M-L is a coaxial band-pass filter with a passband frequency from 450 to 1350 MHz and a rejection frequencies from DC to 225 MHz and point at 1800 MHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 60 dB.

Features:

- Passband Frequency Range 450 to 1350 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

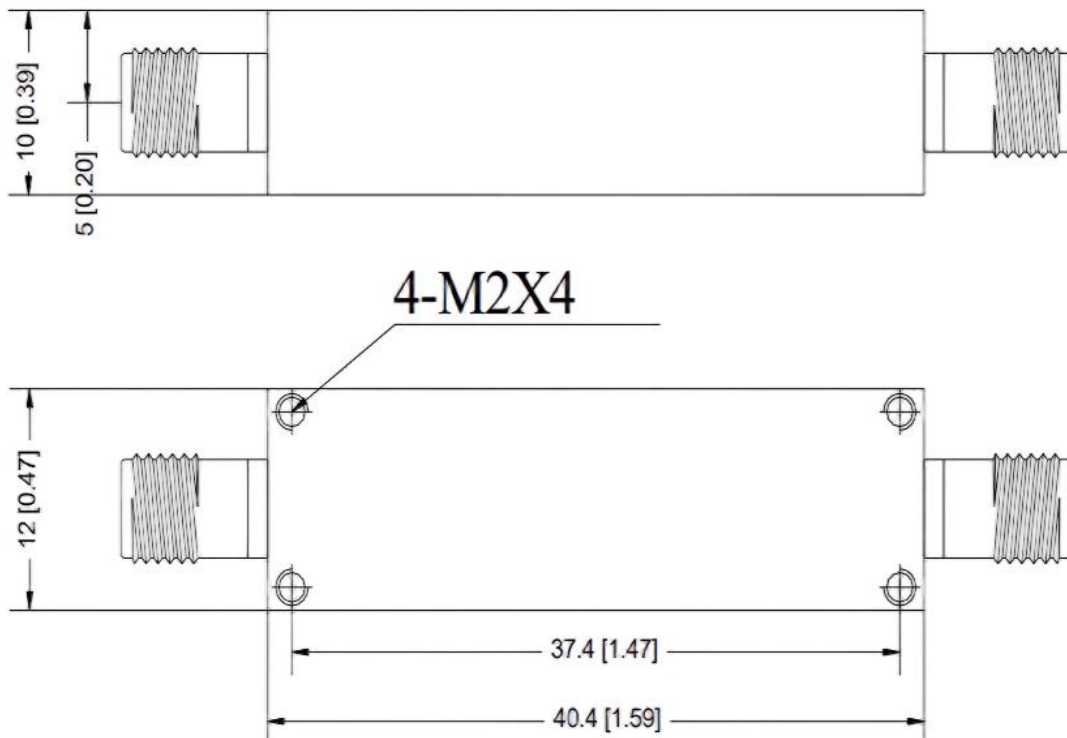
Parameter	Min	Typ	Max	Units
Passband Frequency range	450		1350	MHz
Band Width			900	MHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
VSWR			1.6	:1
Rejection@DC-225MHz&1800MHz	60			dB
Power Handling			2	W
Impedance	50			Ohms

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
TLBF-450M-1350M-L	Coaxial Band-pass Filter, Passband frequency range: 450-1350MHz, Passband Insertion Loss: 1.2dB, SMA Female	Rev.1.0