

Coaxial Band-pass Filter

500-800 MHz/SMA Female

Model: TLBF-500M-800M-L

TLBF-500M-800M-L is a coaxial band-pass filter with a passband frequency from 500 to 800 MHz and a rejection frequencies at $f_0 \pm 260$ MHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 500 to 800 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

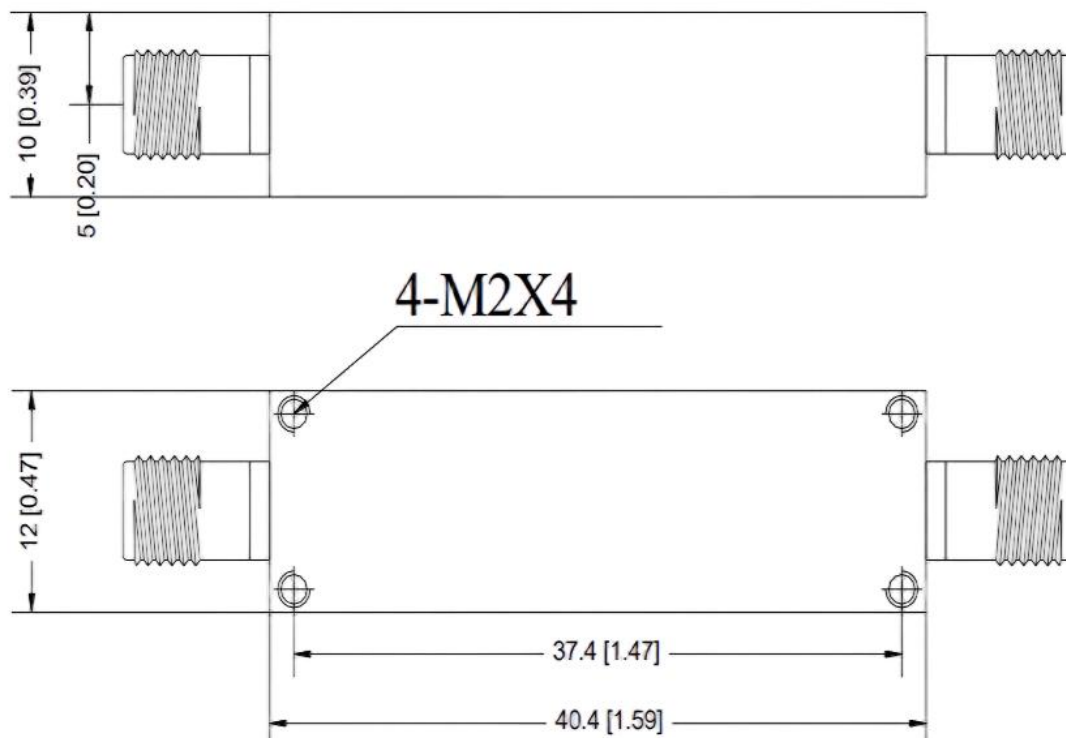
Parameter	Min	Typ	Max	Units
Passband Frequency range	500		800	MHz
Band Width			300	MHz
Passband Insertion Loss			3.0	dB
Pass Band Ripple			2.8	dB
VSWR			1.6	:1
Rejection@ $f_0 \pm 260$ MHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

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
TLBF-500M-800M-L	Coaxial Band-pass Filter, Passband frequency range: 500-800MHz, Passband Insertion Loss: 3.0dB, SMA Female	Rev.1.0