

Coaxial Band-pass Filter

480-520 MHz/SMA Female

Model: TLBF-500M-40M-L

TLBF-500M-40M-L is a coaxial band-pass filter with a passband frequency from 480 to 520 MHz and a rejection frequencies from DC to 360 MHz and point at 650 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 60 dB.

Features:

- Passband Frequency Range 480 to 520 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

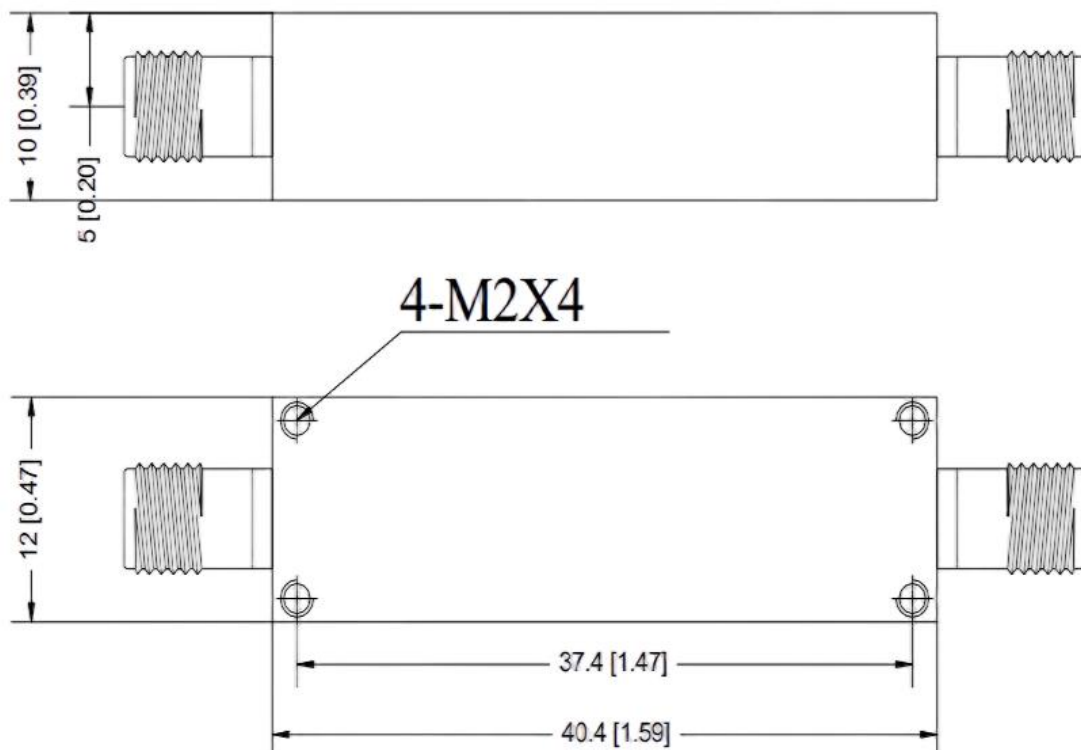
Parameter		Min	Typ	Max	Units
Passband Frequency range		480		520	MHz
Band Width				40	MHz
Passband Insertion Loss				2.0	dB
Pass Band Ripple				1.8	dB
VSWR				1.6	:1
Rejection	@DC-360MHz& 650MHz	60			dB
	@1.5-2.5GHz	50			dB
Power Handling				2	W
Impedance		50			Ohms

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

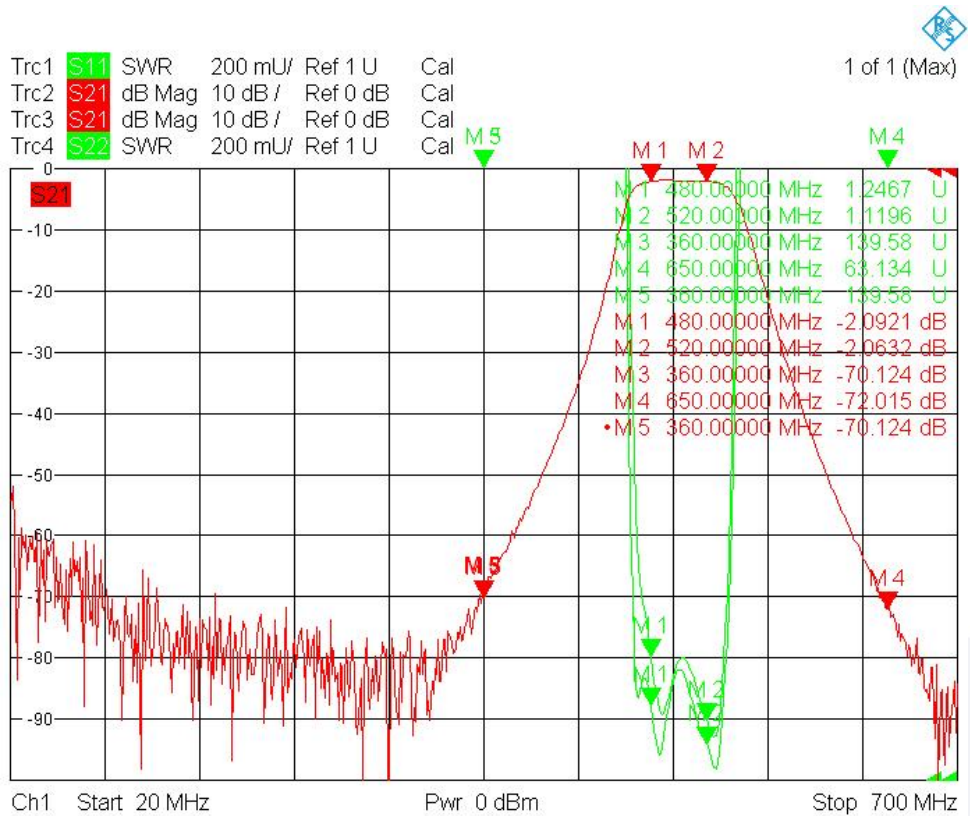


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-500M-40M-L	Coaxial Band-pass Filter, Passband frequency range: 480-520MHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0

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.