

Coaxial Band-pass Filter

400-600 MHz/SMA Female

Model: TLBF-500M-200M-L5

TLBF-500M-200M-L5 is a coaxial band-pass filter with a passband frequency from 400 to 600 MHz and a rejection frequencies from DC to 300 MHz and from 730 to 1000 MHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 400 to 600 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

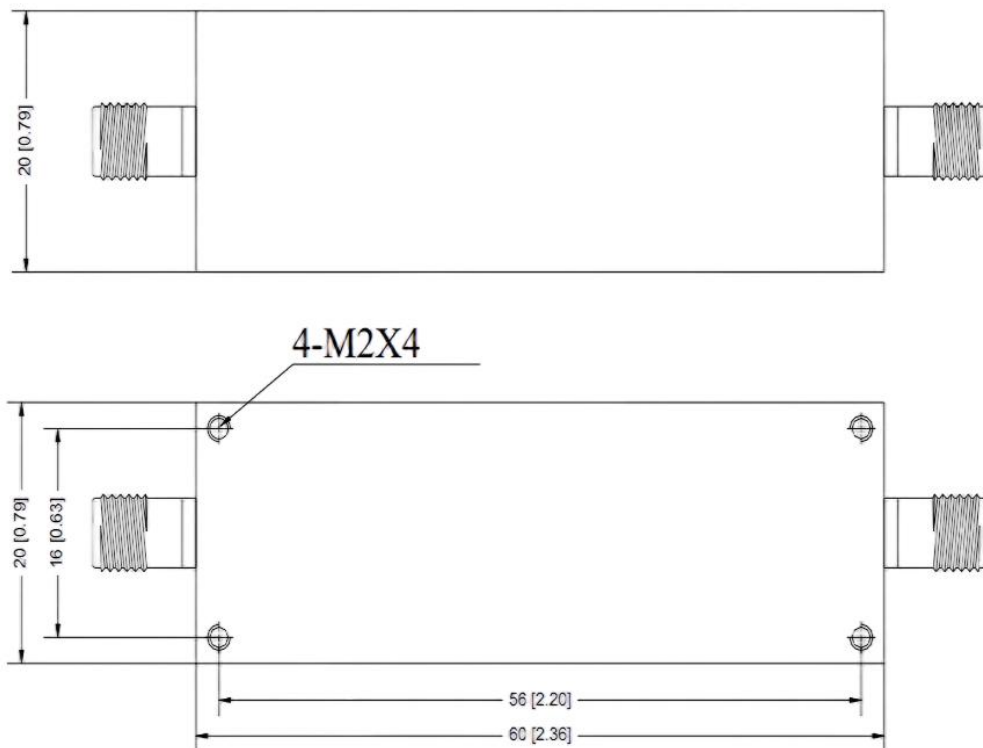
Parameter	Min	Typ	Max	Units
Passband Frequency range	400		600	MHz
Band Width			200	MHz
Insertion Loss(f0)			1.2	dB
Pass Band Ripple			1.0	dB
VSWR			1.6	:1
Rejection@DC-300MHz& 730-1000MHz	40			dB
Power Handling			50	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	20*20*60	mm

Outline Drawing:

Unit:mm

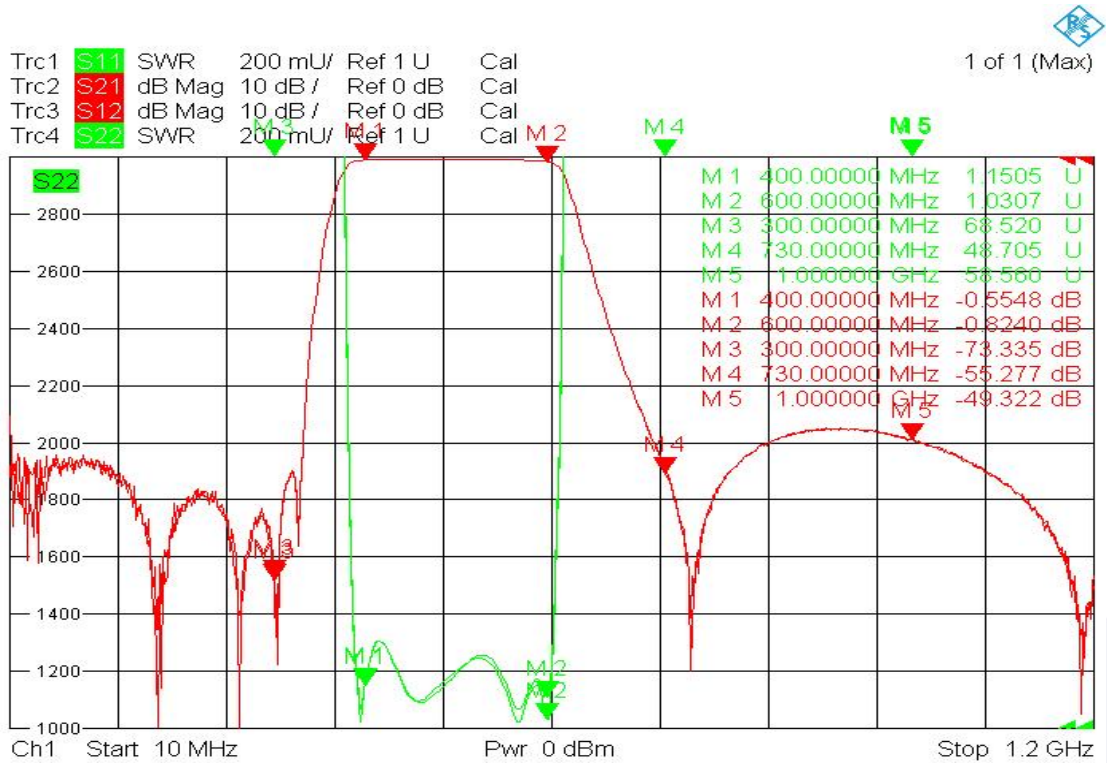


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-500M-200M-L5	Coaxial Band-pass Filter, Passband frequency range: 400-600MHz, Insertion Loss(f0): 1.2dB, 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.