

Coaxial Band-pass Filter

550-650 MHz/SMA Female

Model: TLBF-600M-100M-L

TLBF-600M-100M-L is a coaxial band-pass filter with a passband frequency from 550 to 650 MHz and a rejection frequencies at $f_c \pm 90$ MHz. The maximum insertion loss of the filter is 2.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 550 to 650 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

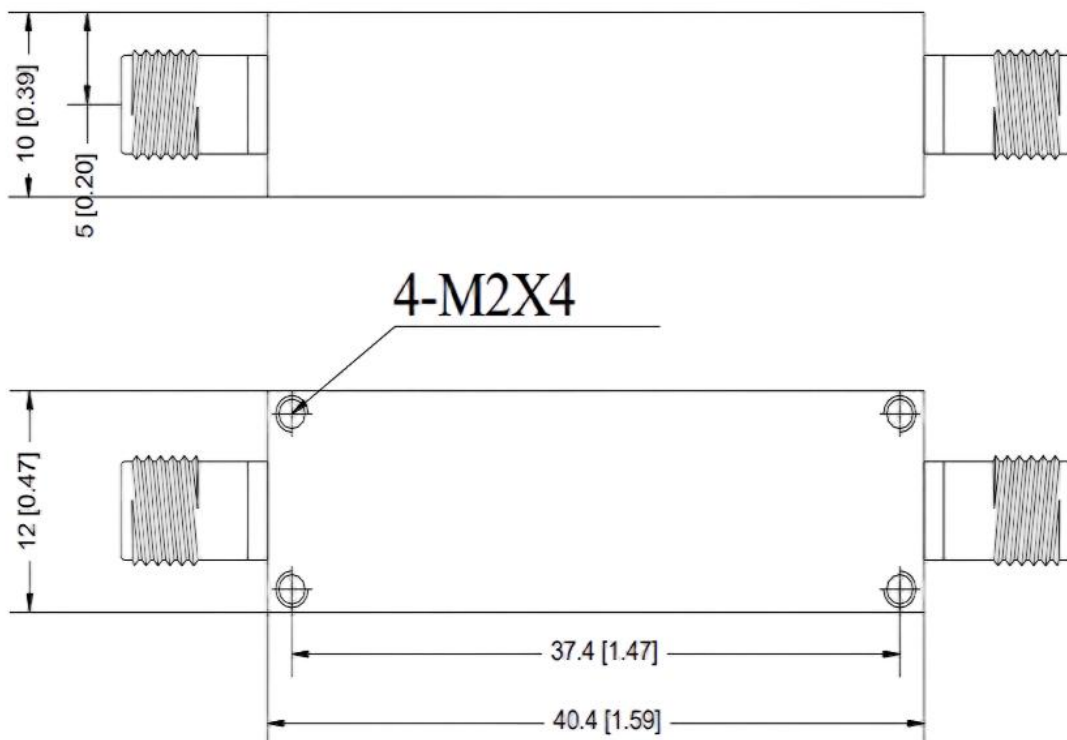
Parameter	Min	Typ	Max	Units
Passband Frequency range	550		650	MHz
Band Width			100	MHz
Passband Insertion Loss			2.8	dB
Pass Band Ripple			2.6	dB
VSWR			1.6	:1
Rejection@ $f_c \pm 90$ MHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-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-600M-100M-L	Coaxial Band-pass Filter, Passband frequency range: 550-650MHz, Passband Insertion Loss: 2.8dB, SMA Female	Rev.1.0