

Coaxial Band-pass Filter

680-1180 MHz/SMA Female

Model: TLBF-680M-1G18-L

TLBF-680M-1G18-L is a coaxial band-pass filter with a passband frequency from 680 to 1180 MHz and a rejection frequencies from DC to 500 MHz and point at 1380 MHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 680 to 1180 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

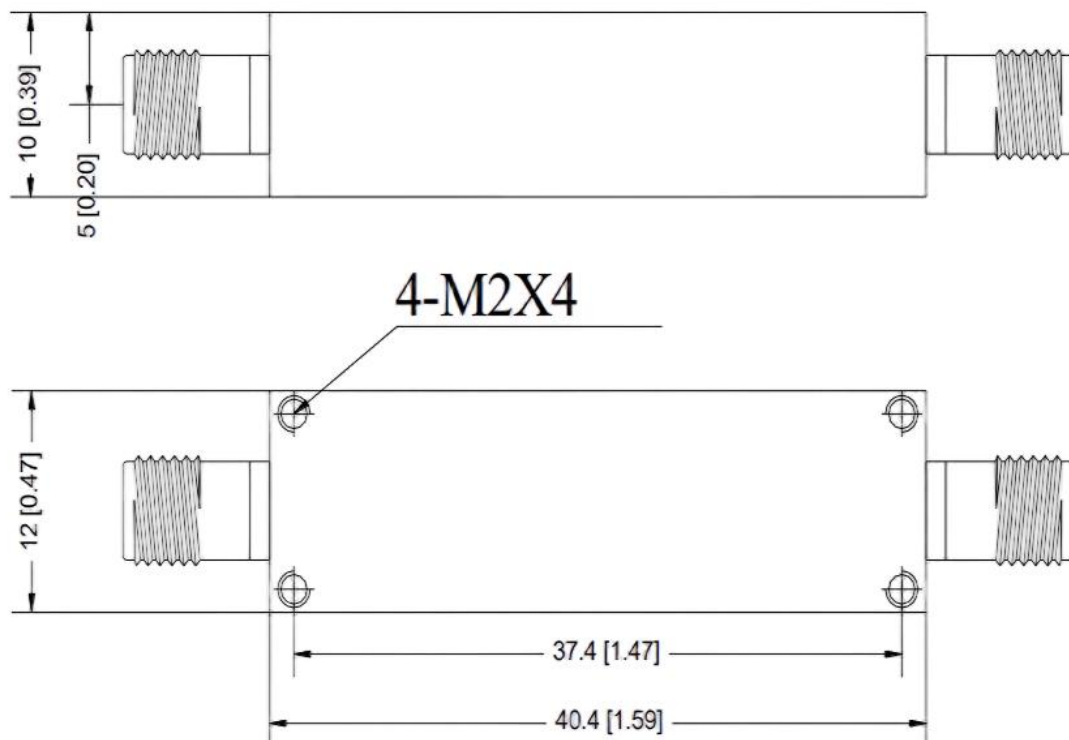
Parameter	Min	Typ	Max	Units
Passband Frequency range	680		1180	MHz
Band Width			500	MHz
Passband Insertion Loss			3.0	dB
Pass Band Ripple			2.3	dB
VSWR			1.6	:1
Rejection@DC-500MHz&1380MHz	50			dB
Power Handling			2	W
Impedance	50			Ohms

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-680M-1G18-L	Coaxial Band-pass Filter, Passband frequency range: 680-1180MHz, Passband Insertion Loss: 3.0dB, SMA Female	Rev.1.0