

Coaxial Band-pass Filter

0.4-1.2 GHz/SMA Female&Male

Model: TLBF-800M-400M-L2

TLBF-800M-400M-L2 is a coaxial band-pass filter with a passband frequency from 0.4 to 1.2 GHz and a rejection frequencies point at 1.7 GHz. The maximum insertion loss of the filter is 0.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 0.4 to 1.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

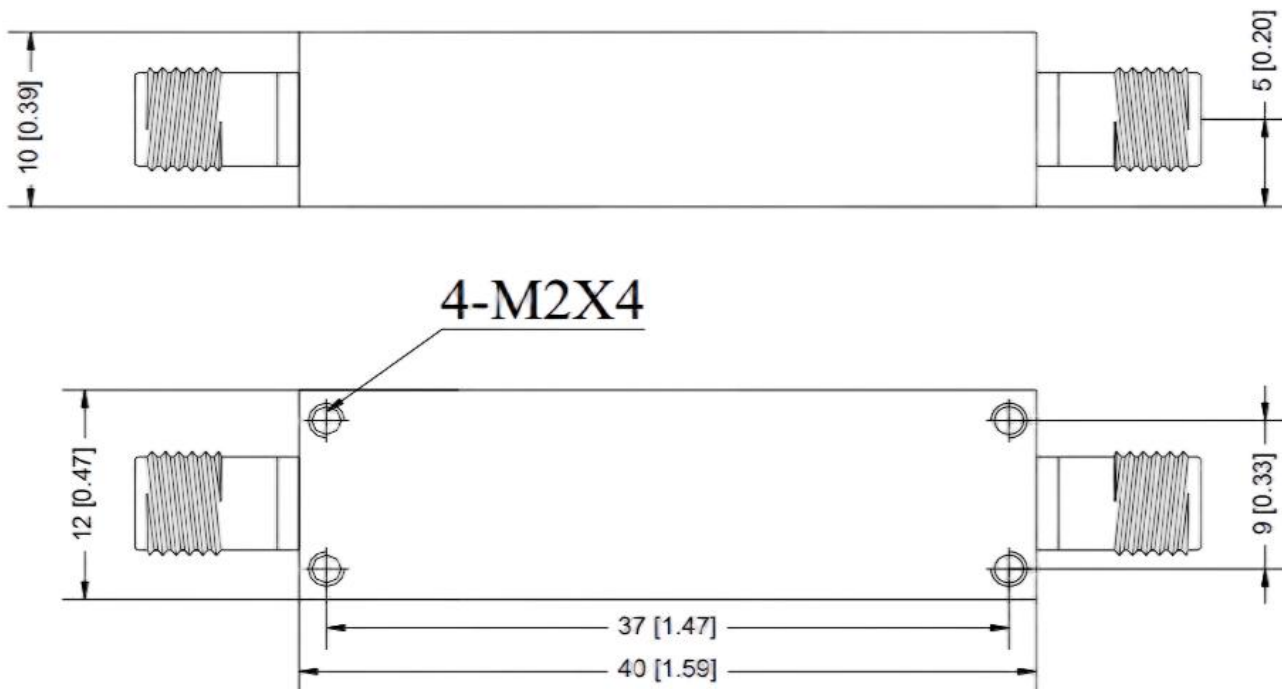
Parameter	Min	Typ	Max	Units
Passband Frequency range	0.6		1	GHz
Band Width			0.4	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple(0.6-1GHz)		0.4		dB
Group Delay Flatness(0.6-1GHz)		1		NS
VSWR(1.6-2GHz)			1.3	:1
Rejection@1.7GHz	40			dB
Power Handling			15	W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female/SMA Male	
Size	10*12*40	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-800M-400M-L2	Coaxial Band-pass Filter, Passband frequency range: 0.4-1.2GHz, Passband Insertion Loss: 0.8dB, SMA Female	Rev.1.0