

Coaxial Band-pass Filter

Center Frequency 1000 MHz/SMA Female

Model: TLBF-1G-800M-L

TLBF-1G-800M-L is a coaxial band-pass filter with a passband center frequency at 1000 MHz and a rejection frequencies point at 400 MHz and 1800 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 50 dB.

Features:

- Passband Center Frequency 1000 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

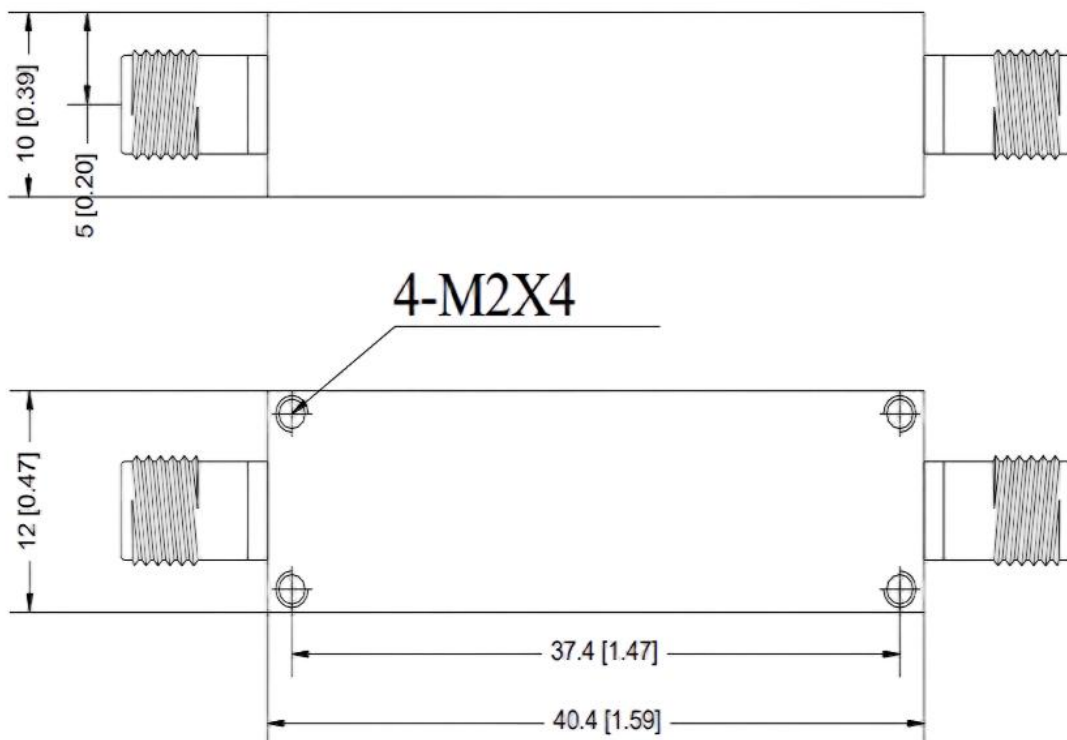
Parameter		Min	Typ	Max	Units
Passband Frequency range		600		1400	MHz
Band Width				800	MHz
Passband Insertion Loss				1.0	dB
Pass Band Ripple				0.8	dB
VSWR				1.6	:1
Rejection	@500MHz&1700M Hz	30			dB
	@400MHz&1800M Hz	50			dB
Power Handling				2	W
Impedance		50			Ohms

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-1G-800M-L	Coaxial Band-pass Filter, Passband center frequency: 1000MHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0