

Coaxial Band-pass Filter

900-1300 MHz/SMA Female

Model: TLBF-1G1-400M-L

TLBF-1G1-400M-L is a coaxial band-pass filter with a passband frequency from 900 to 1300 MHz and a rejection frequencies point 650 MHz and 1550 MHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 10 dB.

Features:

- Passband Frequency Range 900 to 1300 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

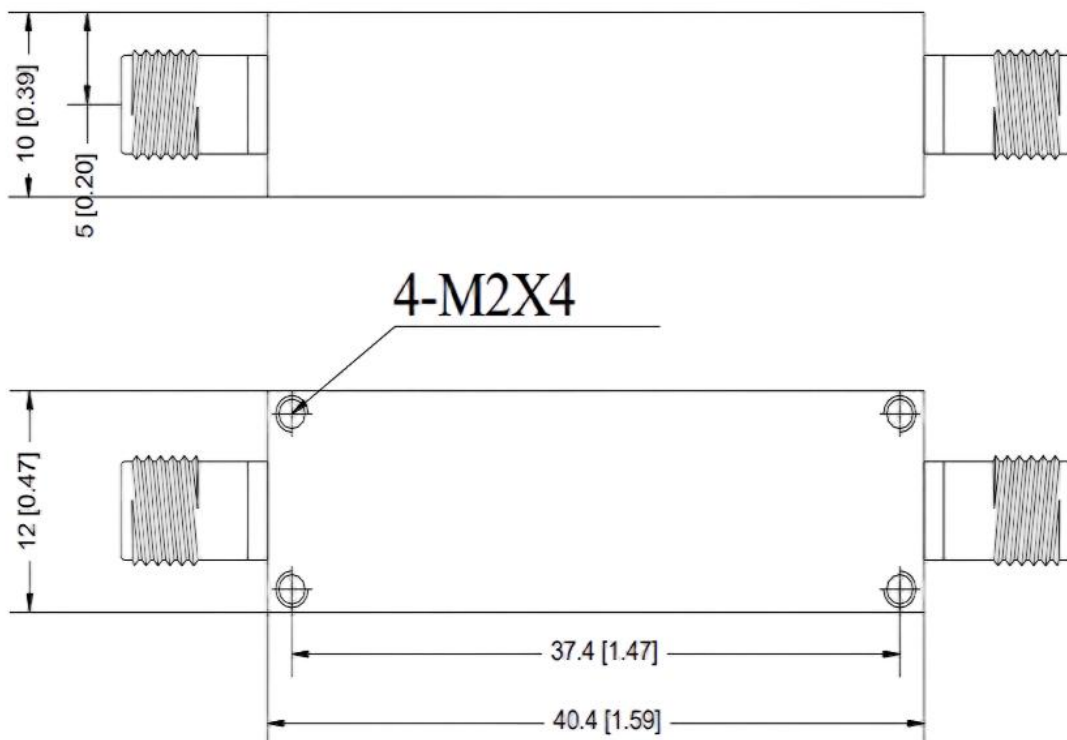
Parameter	Min	Typ	Max	Units
Passband Frequency range	900		1300	MHz
Band Width			400	MHz
Insertion Loss(f0)		1.5	1.8	dB
Pass Band Ripple			1.7	dB
VSWR			1.6	:1
Rejection@650MHz&1550MHz	10			dB
Power Handling			20	W
Impedance	50			Ohms

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-1G1-400M-L	Coaxial Band-pass Filter, Passband frequency range: 900-1300MHz, Insertion Loss(f0): 1.8dB, SMA Female	Rev.1.0