

Coaxial Band-pass Filter

1300-2300 MHz/SMA Female

Model: TLBF-1300M-2300-L

TLBF-1300M-2300-L is a coaxial band-pass filter with a passband frequency from 1300 to 2300 MHz and a rejection frequencies from DC to 1050 MHz and from 2600 to 3000 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1300 to 2300 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

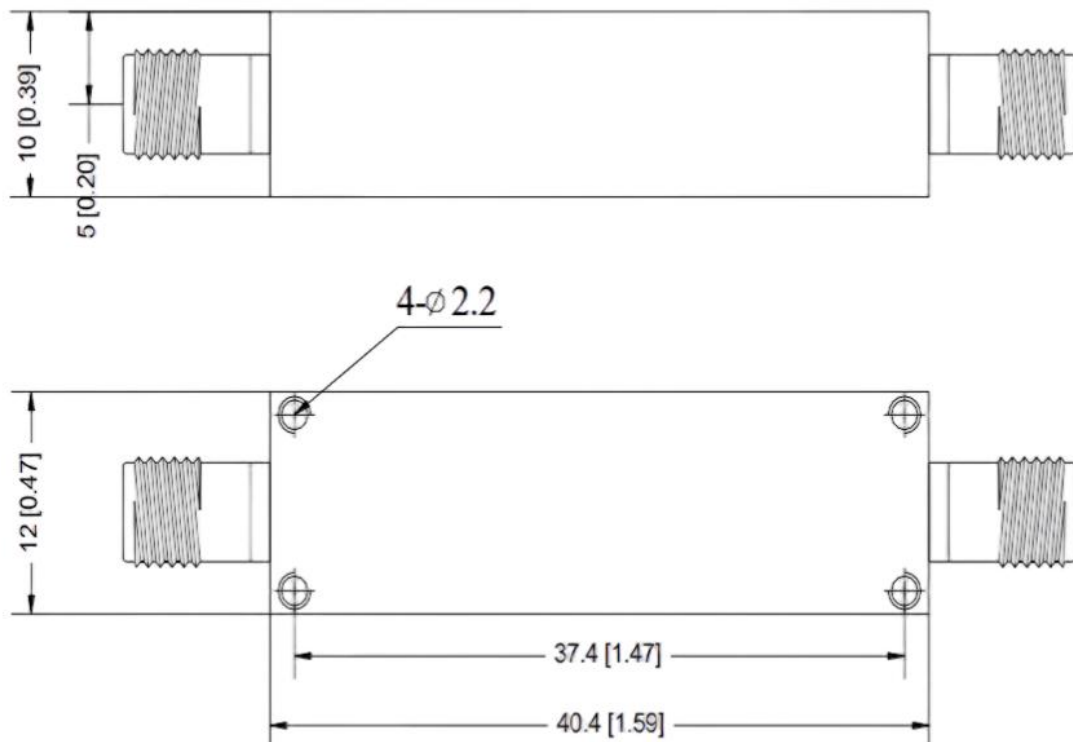
Parameter	Min	Typ	Max	Units
Passband Frequency range	1300		2300	MHz
Band Width			1000	MHz
Insertion Loss(f0)			2.0	dB
Pass Band Ripple			1.8	dB
VSWR			1.6	:1
Rejection@DC-1050MHz&2600-3000MHz	40			dB
Power Handling			2	W
Impedance	50			Ohms

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-1300M-2300-L	Coaxial Band-pass Filter, Passband frequency range: 1300-2300MHz, Insertion Loss(f0): 2.0dB, SMA Female	Rev.1.0