

Coaxial Band-pass Filter

Center Frequency 165 MHz/SMA Female

Model: TLBF-165M-2M-L

TLBF-165M-2M-L is a coaxial band-pass filter with a passband center frequency at 165 MHz and a rejection frequencies at $f_0 \pm 30$ MHz. The maximum insertion loss of the filter is 5 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 165 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

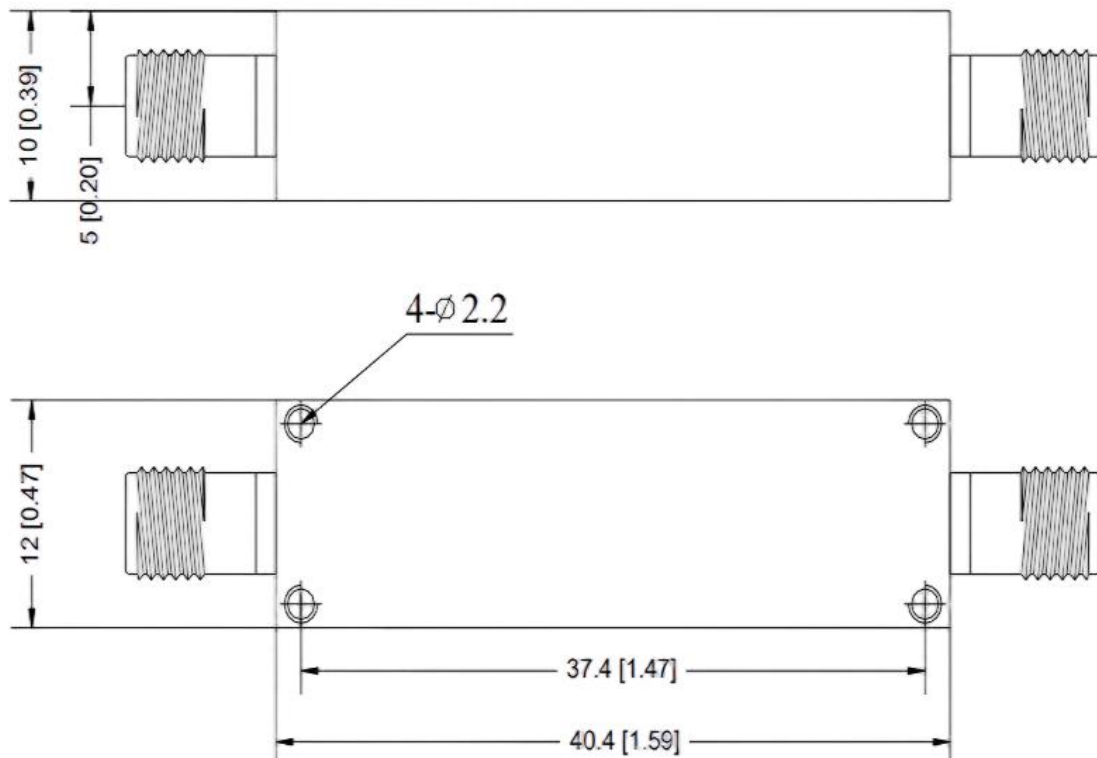
Parameter	Min	Typ	Max	Units
Passband Frequency range	164		166	MHz
Band Width			2(4)	MHz
Passband Insertion Loss			5	dB
Pass Band Ripple			4.0	dB
VSWR			1.6	:1
Rejection@ $f_0 \pm 30$ MHz	40			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
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-165M-2M-L	Coaxial Band-pass Filter, Passband center frequency: 165MHz, Passband Insertion Loss: 5dB, SMA Female	Rev.1.0