

Coaxial Band-pass Filter

2377.5-2382.5 MHz/SMA Female

Model: TLBF-2G38-5M-E

TLBF-2G38-5M-E is a coaxial band-pass filter with a passband frequency from 2377.5 to 2382.5 MHz and a rejection frequencies from DC to 2200 MHz and 2600 MHz. The maximum insertion loss of the filter is 1.9 dB and the minimum rejection is 60 dB.

Features:

- Passband Frequency Range 2377.5 to 2382.5 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

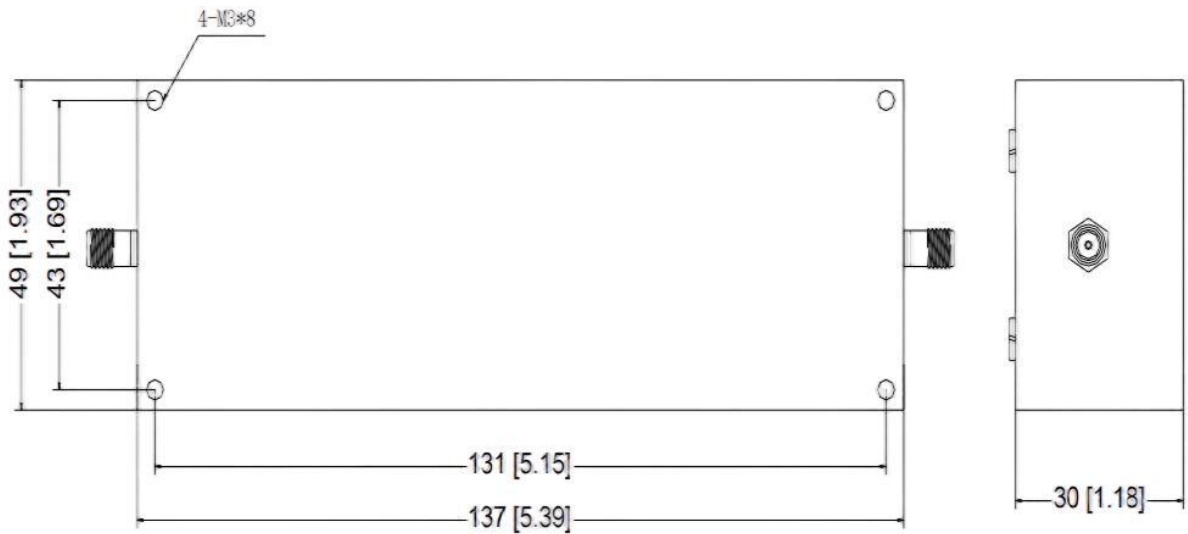
Parameter	Min	Typ	Max	Units
Passband Frequency range	2377.5		2382.5	MHz
Band Width			5	MHz
Insertion Loss(f0)			1.9	dB
Pass Band Ripple			1.5	dB
VSWR			1.6	:1
Rejection@DC-2200MHz&2600MHz	60			dB
Power Handling			50	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	30*49*137	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G38-5M-E	Coaxial Band-pass Filter, Passband frequency range: 2377.5-2382.5MHz, Insertion Loss(f0): 1.9dB, SMA Female	Rev.1.0