

Coaxial Band-pass Filter

2.8-3.2 GHz/SMA Female

Model: TLBF-3G-400M-E

TLBF-3G-400M-E is a coaxial band-pass filter with a passband frequency from 2.8 to 3.2 GHz and a rejection frequencies from 2.5 GHz to 3.5 GHz. The maximum insertion loss of the filter is 2.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 2.8 to 3.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

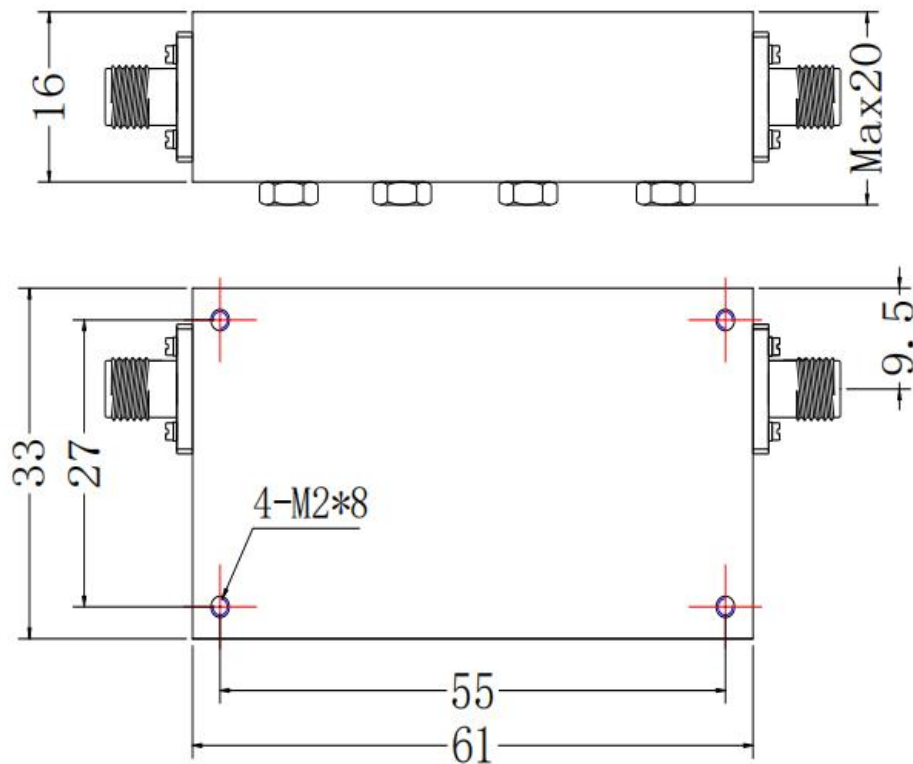
Parameter	Min	Typ	Max	Units
通Passband Frequency range	2.8		3.2	GHz
Band Width			0.4	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.5	dB
Rejection	>50dB@±300MHz			
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-3G-400M-E	Coaxial Band-pass Filter, Passband frequency range: 2.8-3.2GHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0