

Coaxial Band-pass Filter

18-24 GHz/SMA Female

Model: TLBF-21G-6G-E

TLBF-21G-6G-E is a coaxial band-pass filter with a passband frequency from 18 to 24 GHz and a rejection frequencies from 16.5 GHz to 25.5 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 18 to 24 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

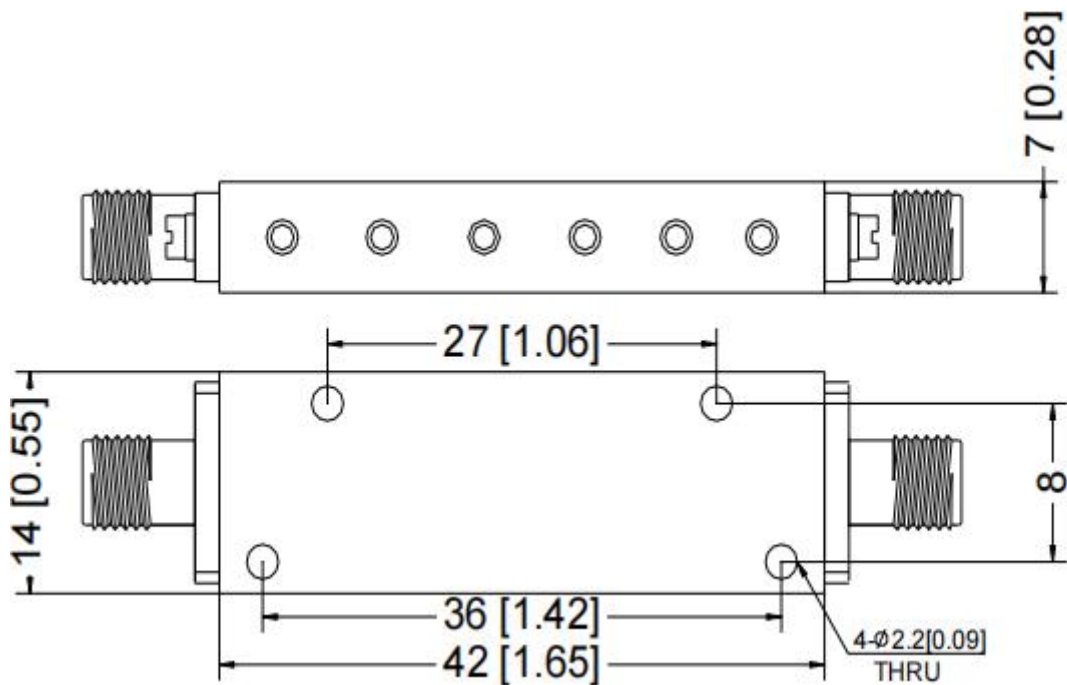
Parameter	Min	Typ	Max	Units
Passband Frequency range	18		24	GHz
Band Width			6	GHz
Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>50dB@fc±1.5Ghz			dB
Phase Unbalance	< 5°(1:6)			
Power Handling			20	W
VSWR			1.6	:1
Impedance	50			Ohms

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-21G-6G-E	Coaxial Band-pass Filter, Passband frequency range: 18-24GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0