

Coaxial Band-pass Filter

19-21 GHz/SMA Female

Model: TLBF-19G-21G-E

TLBF-19G-21G-E is a coaxial band-pass filter with a passband frequency from 19 to 21 GHz and a rejection frequencies from DC-17.5 GHz and 22.5 GHz. The maximum fo insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 17 to 21 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

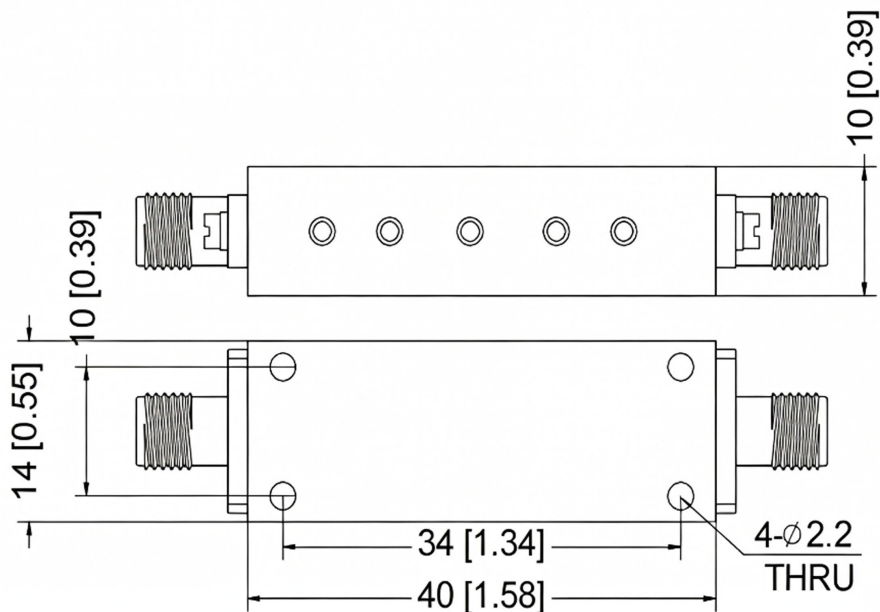
Parameter	Min	Typ	Max	Units
Passband Frequency range	17		21	GHz
Band Width			3	GHz
Insertion Loss			1.5	dB
Pass Band Ripple			0.8	dB
Rejection	>40dB@DC-17.5GHz 22.5Ghz			dB
Phase Unbalance	< 5°(1:6)			
Power Handling			20	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

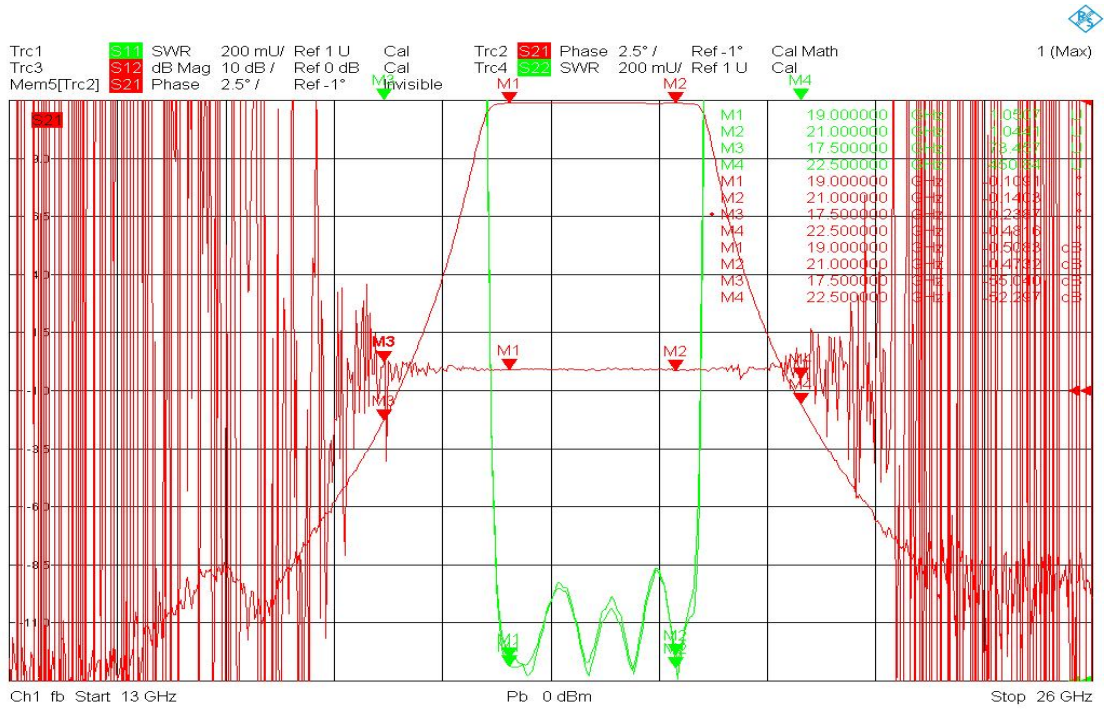


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-19G-21G-E	Coaxial Band-pass Filter, Passband frequency range: 19-21GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.