

Coaxial Band-pass Filter

12-14 GHz/SMA Female/SMA Male

Model: TLBF-13G-2G-E

TLBF-13G-2G-E is a coaxial band-pass filter with a passband frequency from 12 to 14 GHz and a rejection frequencies from DC-10 GHz and 16 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 12 to 14 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

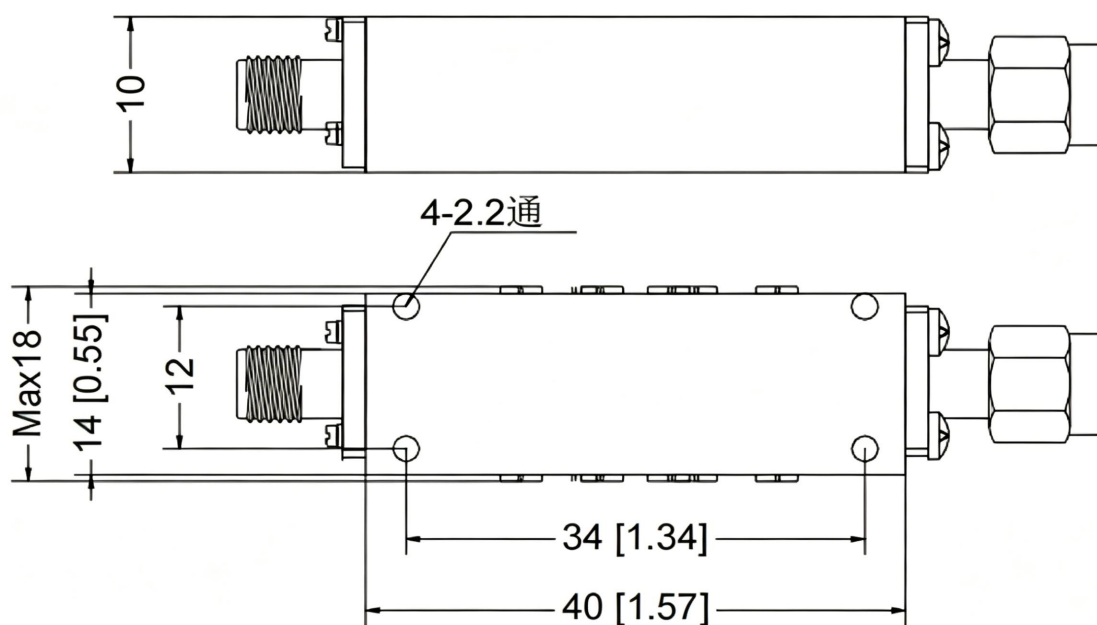
Parameter	Min	Typ	Max	Units
Passband Frequency range	12		14	GHz
Band Width			2	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple	0.6			dB
Group Delay Flatness	0.8			ns
Rejection	>70dB@DC-10Ghz 16Ghz			dB
Power Handling			15	W
VSWR			1.4	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female/SMA Male	
Weight	/	g

Outline Drawing:

Unit:mm

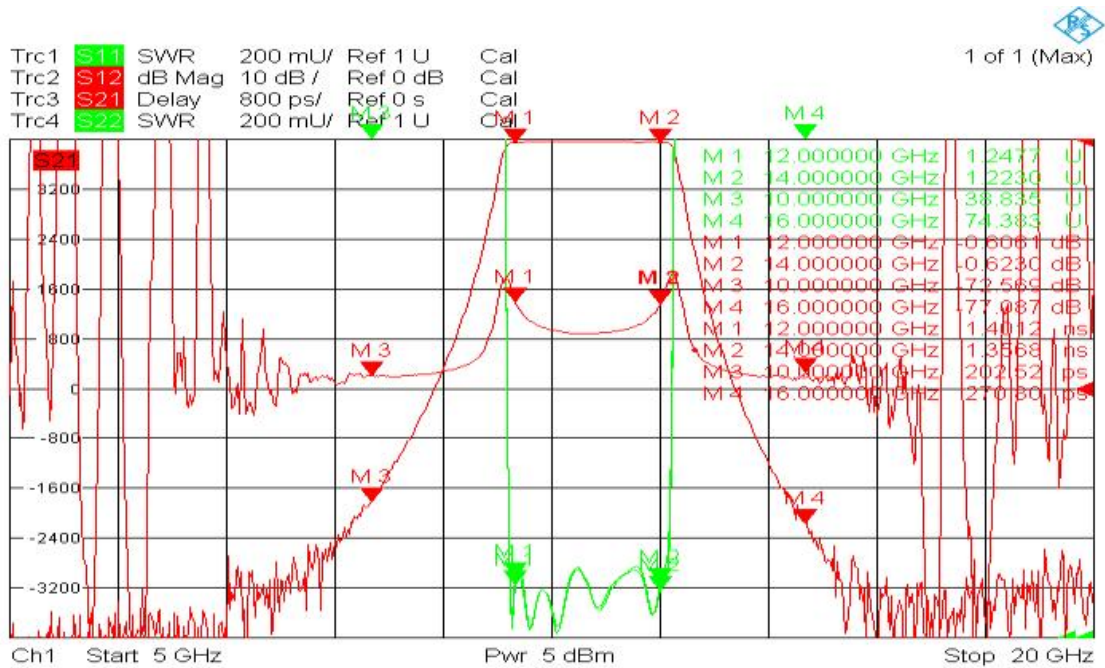


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-13G-2G-E	Coaxial Band-pass Filter, Passband frequency range: 12-14GHz, Passband Insertion Loss: 1.0dB, SMA Female/SMA Male	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.