

Coaxial Band-pass Filter

15-16 GHz/SMA Female

Model: TLBF-15G5-1G-E

TLBF-15G5-1G-E is a coaxial band-pass filter with a passband frequency from 15 to 16 GHz and a rejection frequencies from 13.7 GHz to 17.3 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 15 to 16 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

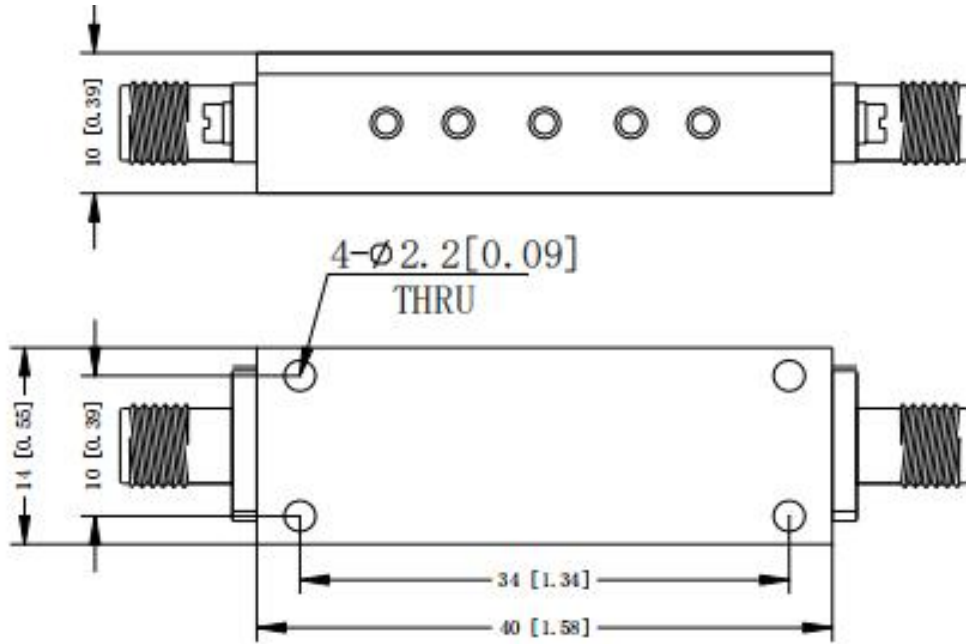
Parameter	Min	Typ	Max	Units
Passband Frequency range	15		16	GHz
Band Width			1	GHz
Insertion Loss			1.0	dB
Pass Band Ripple			0.9	dB
Rejection	>40dB@fc±1300Mhz			dB
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

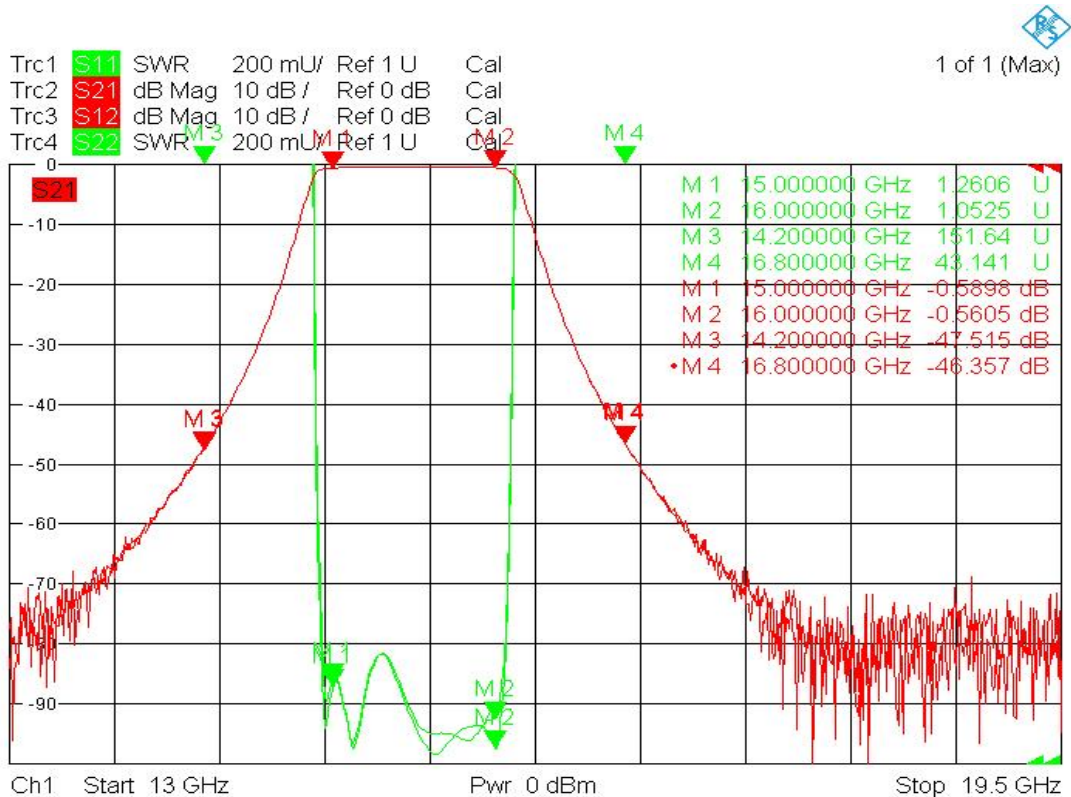


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-15G5-1G-E	Coaxial Band-pass Filter, Passband frequency range: 15-16GHz, Passband Insertion Loss: 1.0dB, 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.