

Coaxial Band-pass Filter

14.9-15.1 GHz/SMA Female

Model: TLBF-15G-200M-E

TLBF-15G-200M-E is a coaxial band-pass filter with a passband frequency from 14.9 to 15.1 GHz and a rejection frequencies from 14.5 GHz and 15.5 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 14.9 to 15.1 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

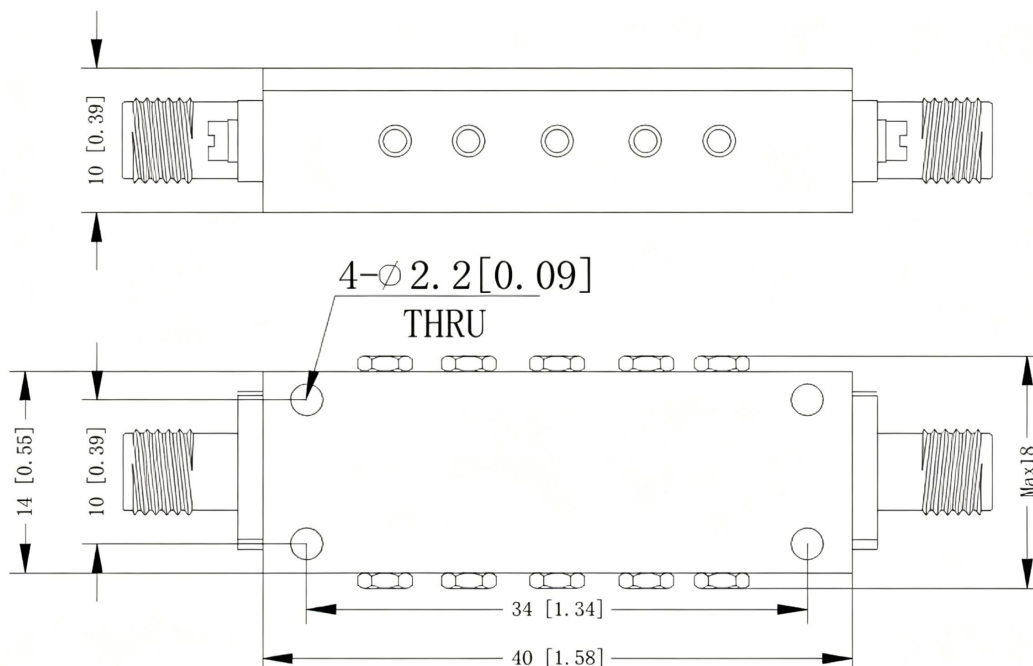
Parameter	Min	Typ	Max	Units
Passband Frequency range	14.9		15.1	GHz
Band Width			200	MHz
Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
Rejection	>40dB@f0±500MHz			dB
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

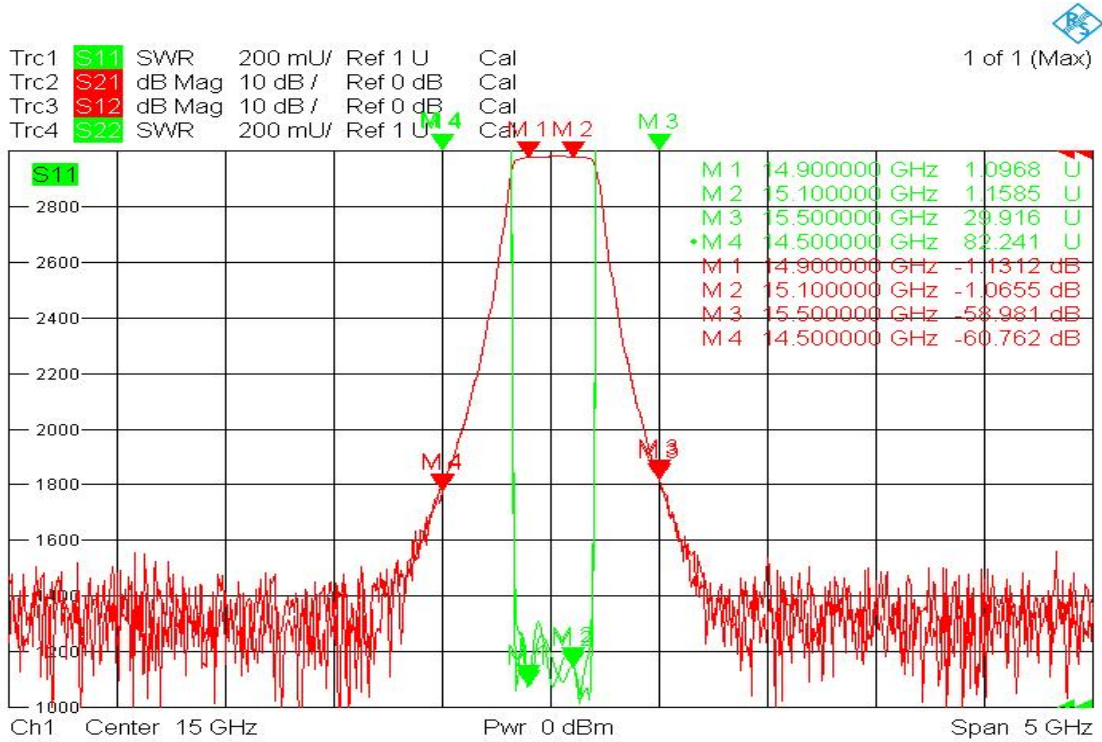


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-15G-200M-E	Coaxial Band-pass Filter, Passband frequency range: 14.9-15.1GHz, 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.