

Coaxial Band-pass Filter

14.98-15.02 GHz/SMA Female

Model: TLBF-15G-40M-E

TLBF-15G-40M-E is a coaxial band-pass filter with a passband frequency from 14.98 to 15.02 GHz and a rejection frequencies from 13.98 GHz and 16.02 GHz. The maximum fo insertion loss of the filter is 3.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 14.98 to 15.02 GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

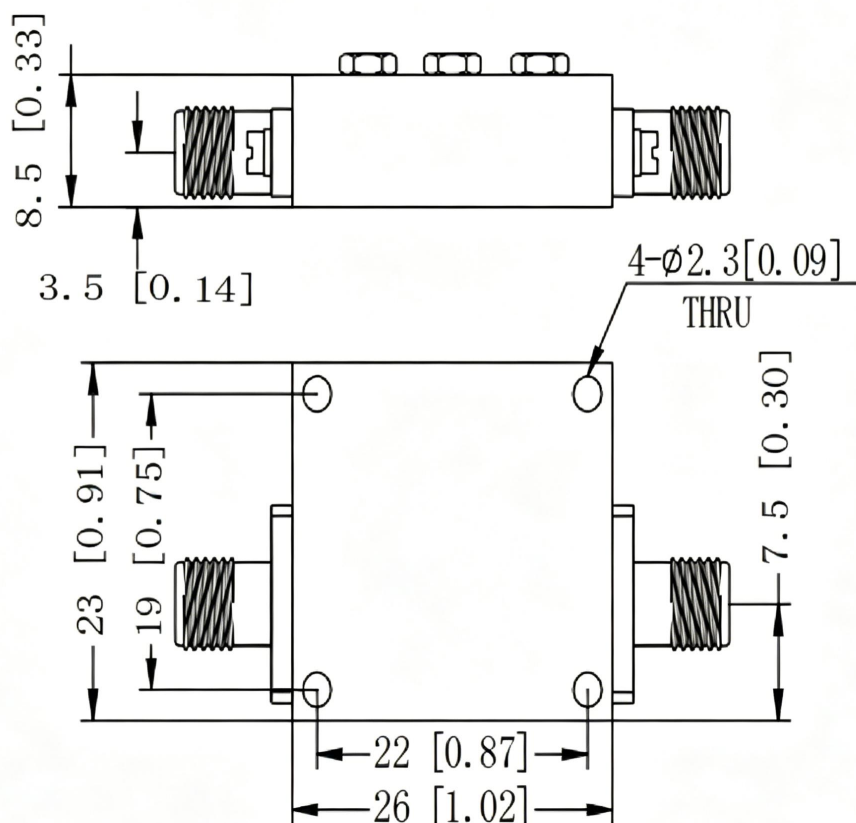
Parameter	Min	Typ	Max	Units
Passband Frequency range	14.98		15.02	GHz
Band Width			40	MHz
Insertion Loss			3.0	dB
Pass Band Ripple			2.8	dB
Rejection	>40dB@±100MHz			dB
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

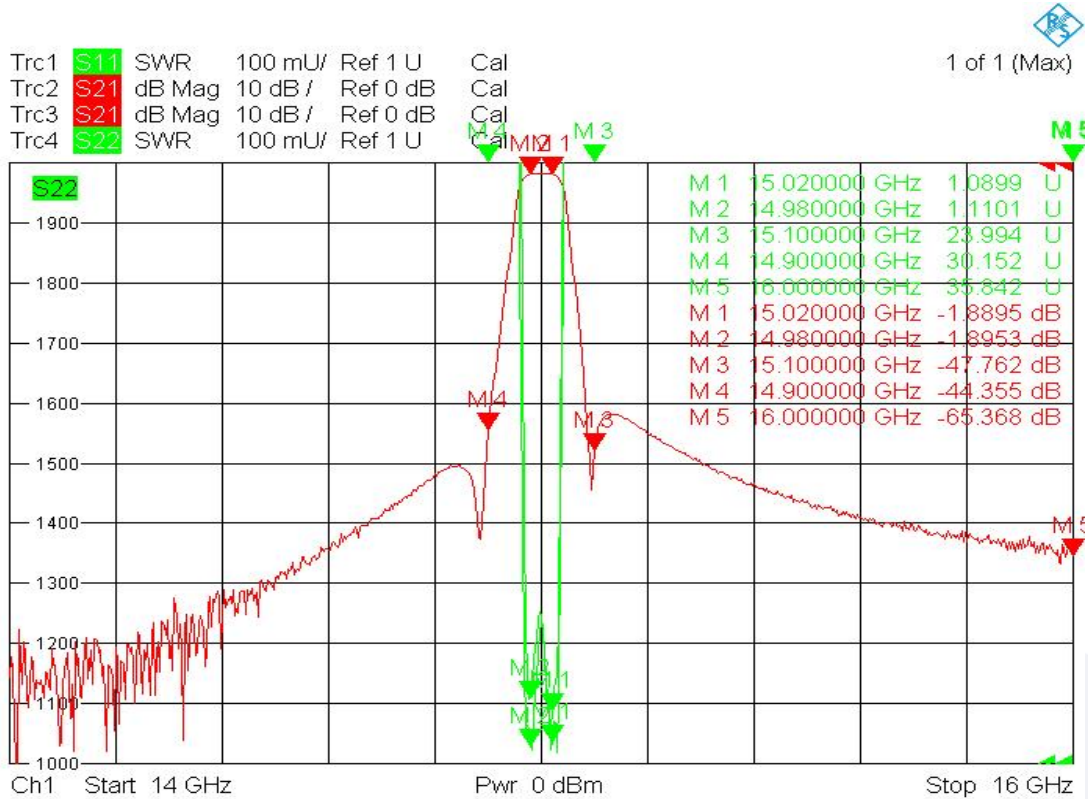


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-15G-40M-E	Coaxial Band-pass Filter, Passband frequency range: 14.98-15.02GHz, Passband Insertion Loss: 3.0dB, 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.