

Coaxial Band-pass Filter

7.05-7.65 GHz/SMA Female

Model: TLBF-7G35-300M-E

TLBF-7G35-300M-E is a coaxial band-pass filter with a passband frequency from 7.05 to 7.65 GHz and a rejection frequencies from 7.15GHz to 7.55 GHz. The maximum insertion loss of the filter is 1.2 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 7.05 to 7.65 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

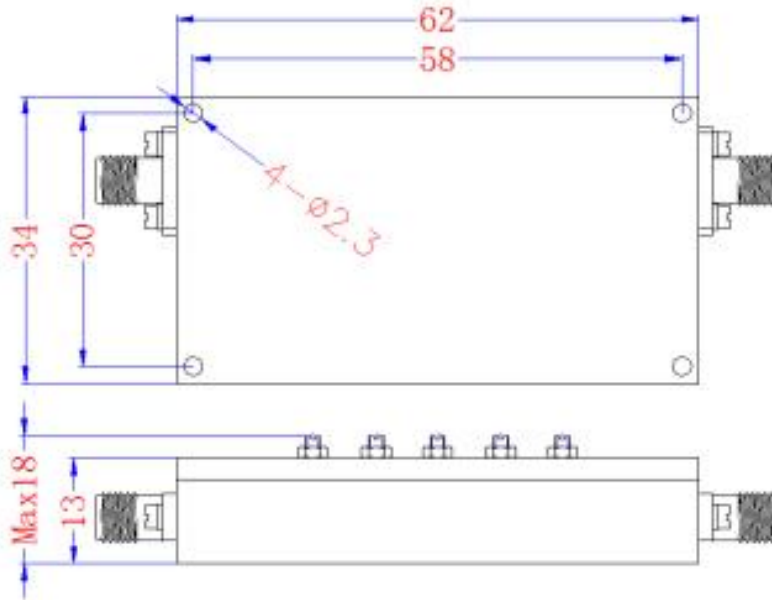
Parameter	Min	Typ	Max	Units
Passband Frequency range	7.05		7.65	GHz
Band Width			0.3	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
Rejection	>40dB@Fc(边频)±200Mhz			dB
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

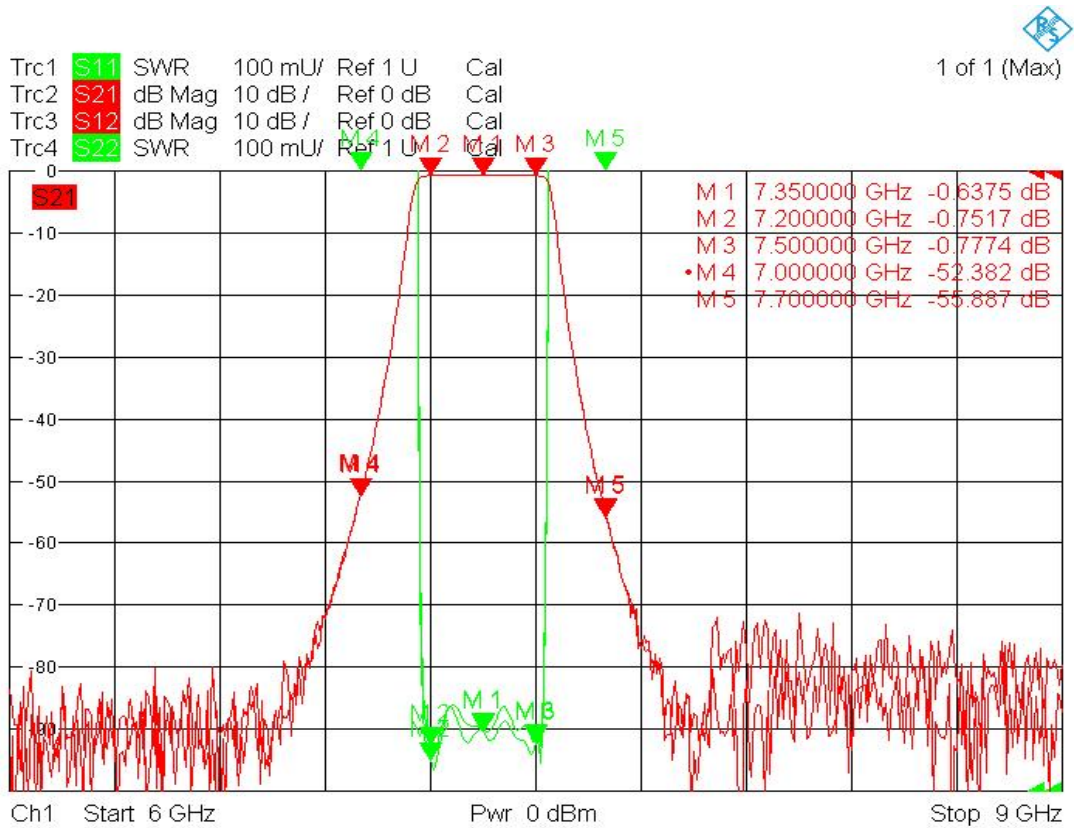


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-7G35-300M-E	Coaxial Band-pass Filter, Passband frequency range: 7.05-7.65GHz, Passband Insertion Loss: 1.2dB, 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.