

Coaxial Band-pass Filter

6.5-6.9 GHz/SMA Female/SMA Male

Model: TLBF-6G7-400M-E

TLBF-6G7-400M-E is a coaxial band-pass filter with a passband frequency from 6.5 to 6.9 GHz and a rejection frequencies from DC-6.1 GHz and 7.3 GHz. The maximum insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 6.5 to 6.9 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

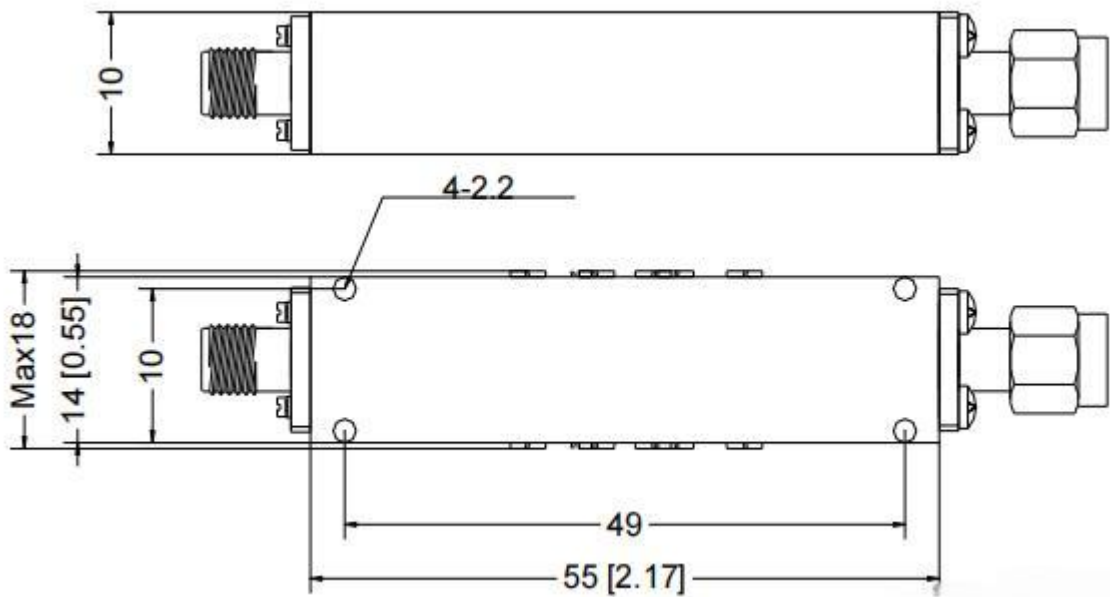
Parameter	Min	Typ	Max	Units
Passband Frequency range	6.5		6.9	GHz
Band Width			0.4	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple	1.0			dB
Rejection	>70dB@DC-6.1Ghz 7.3Ghz			dB
Power Handling			15	W
VSWR			1.3	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

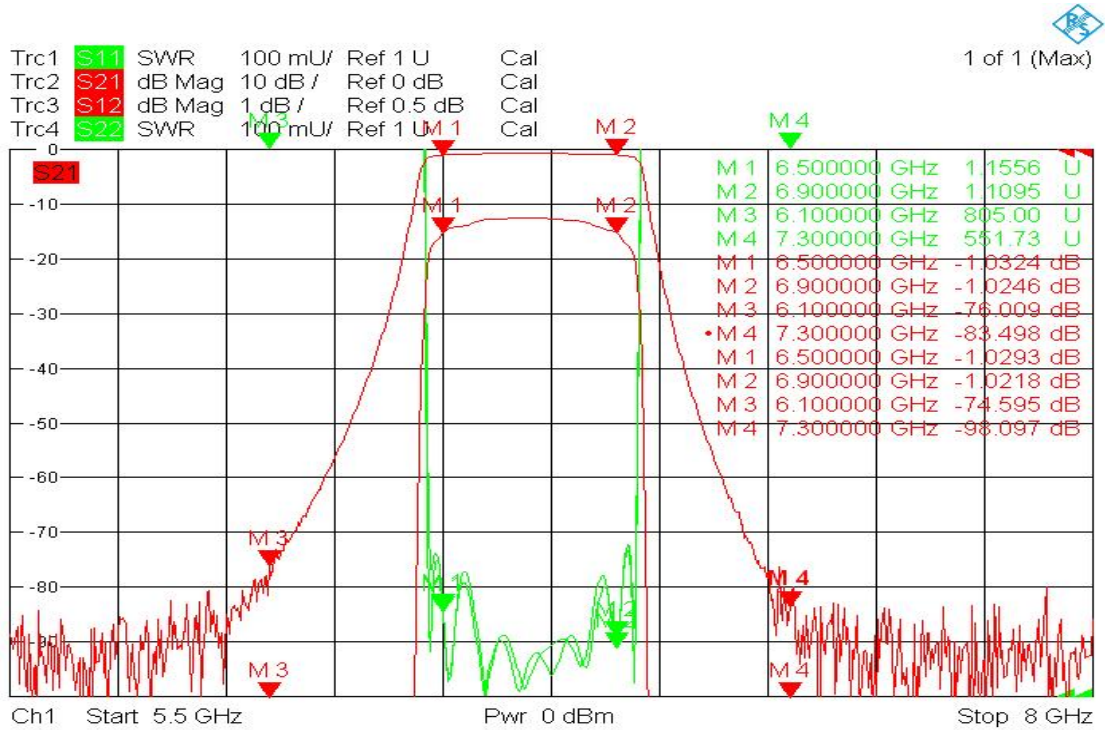


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	描述 Description	Revision
TLBF-6G7-400M-E	Coaxial Band-pass Filter, Passband frequency range: 6.5-6.9GHz, Insertion Loss: 1.2dB, 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.