

Coaxial Band-pass Filter

5-5.5 GHz/SMA Female/SMA Male

Model: TLBF-5G25-500M-E

TLBF-5G25-500M-E is a coaxial band-pass filter with a passband frequency from 5 to 5.5 GHz and a rejection frequencies from DC-4.6 GHz and 5.9 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 5 to 5.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

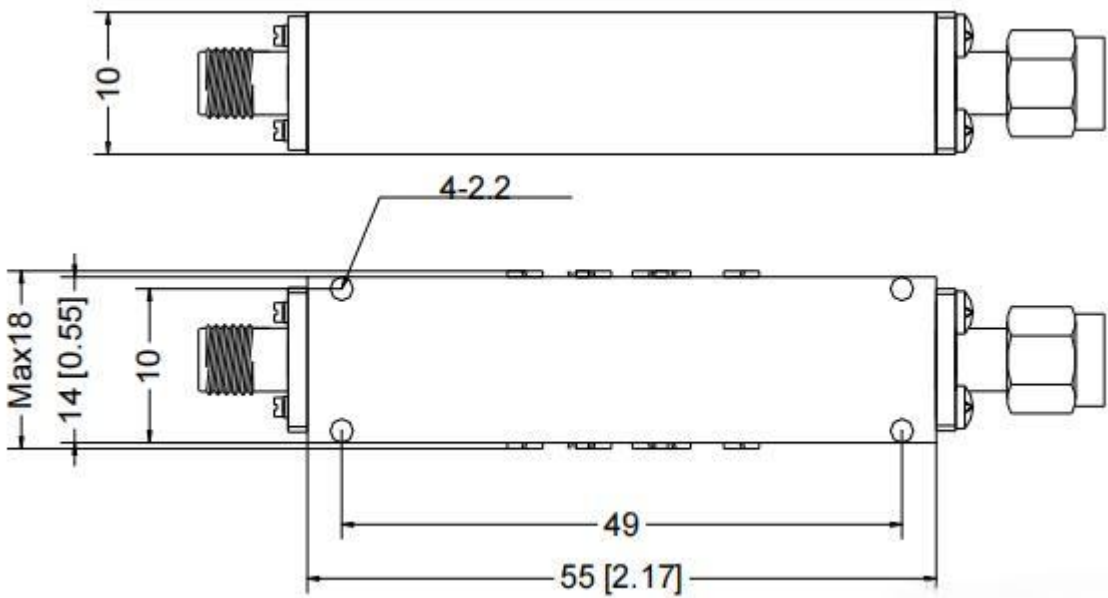
Parameter	Min	Typ	Max	Units
Passband Frequency range	5		5.5	GHz
Band Width			0.5	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple	0.8			dB
Rejection	>70dB@DC-4.6Ghz 5.9Ghz			
Power Handling			15	W
VSWR			1.3	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm





ESD Protection: Strictly

adhere to ESD precautions

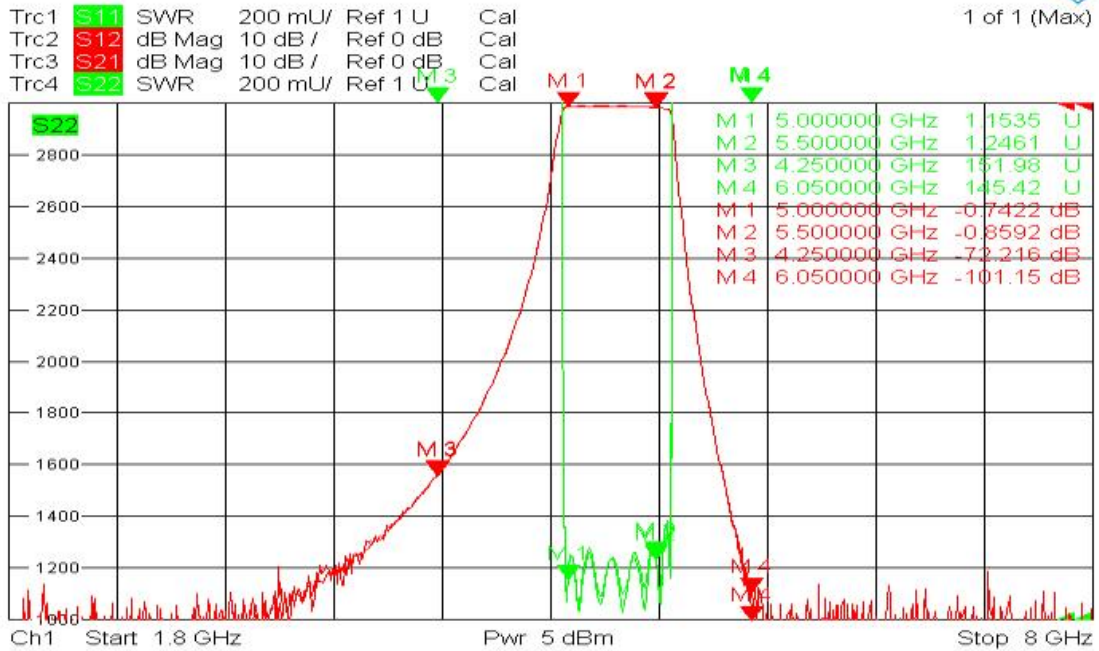
to prevent electrostatic

damage.

Ordering Information:

Base Number	Description	Revision
TLBF-5G25-500M-E	Coaxial Band-pass Filter, Passband frequency range:5-5.5GHz, Insertion Loss:1.0dB, 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.