

Coaxial Band-pass Filter

7.2-7.3 GHz/SMA Female

Model: TLBF-7G25-100M-E

TLBF-7G25-100M-E is a coaxial band-pass filter with a passband frequency from 7.2 to 7.3 GHz and a rejection frequencies @7.1 GHz and @5.64 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB and 80dB.

Features:

- Passband Frequency Range 7.2 to 7.3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

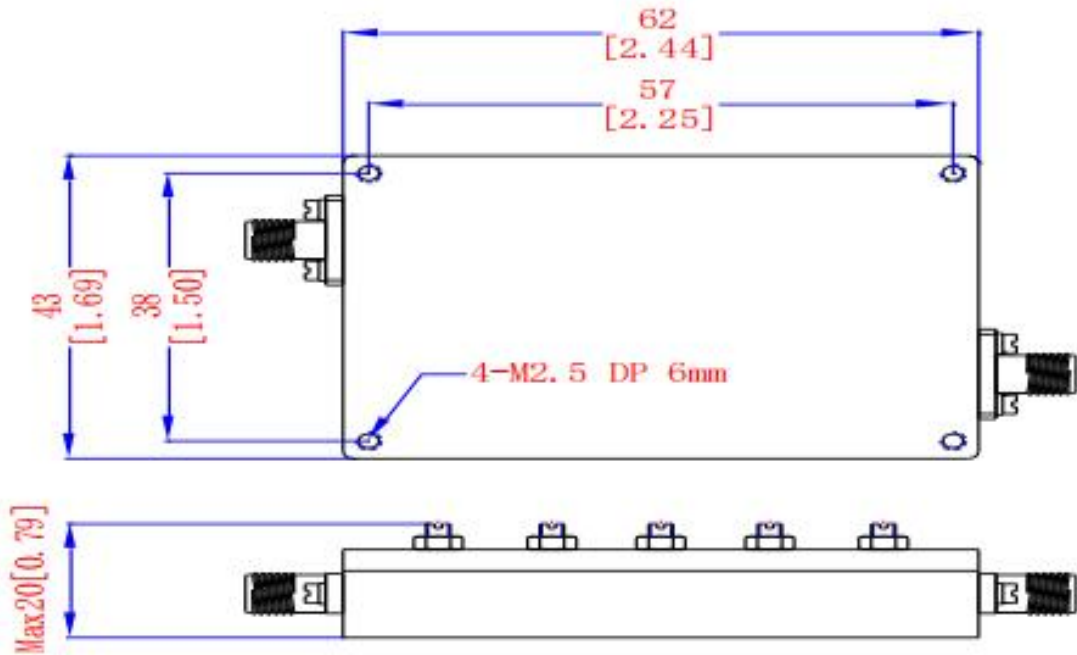
Parameter	Min	Typ	Max	Units
Passband Frequency range	7.2		7.3	GHz
Band Width			0.1	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.3	dB
Rejection		>50dB@7100Mhz >80dB@5640Mhz		dB
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

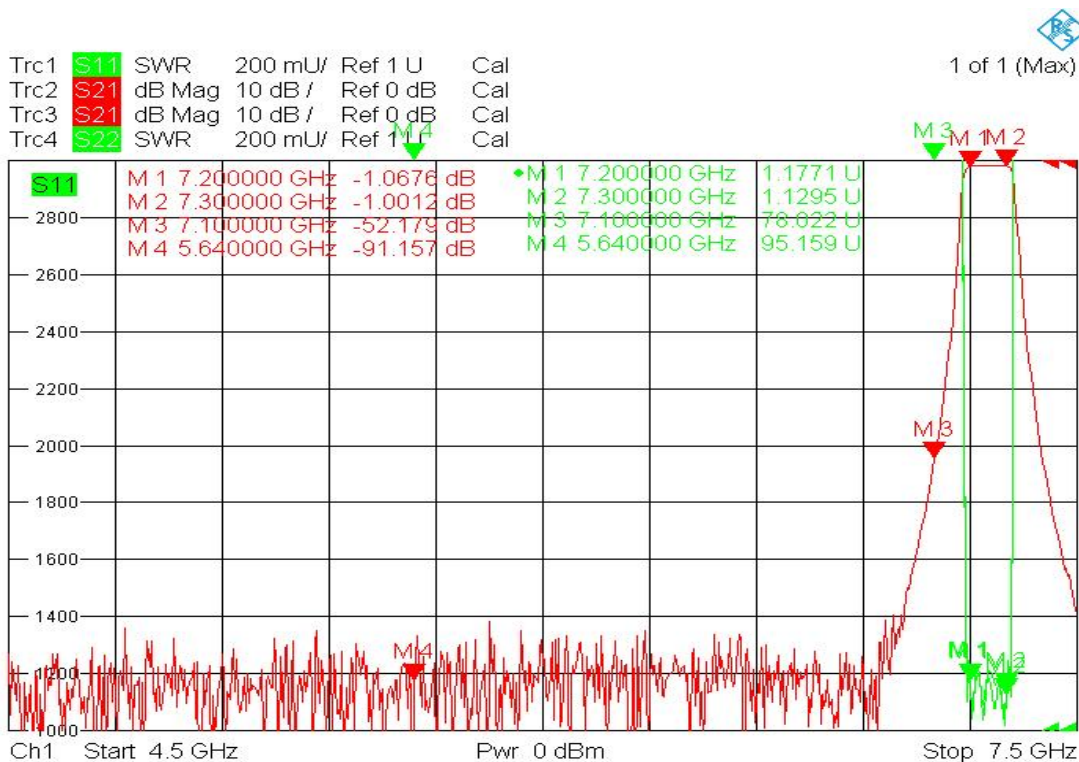


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-7G25-100M-E	Coaxial Band-pass Filter, Passband frequency range: 7.2-7.3GHz, 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.