

Coaxial Band-pass Filter

4.7-4.9 GHz/SMA Female

Model: TLBF-4G8-200M-E

TLBF-4G8-200M-E is a coaxial band-pass filter with a passband frequency from 4.7 to 4.9 GHz and a rejection frequencies from DC-3.3 GHz and 5.4-5.9 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 4.7 to 4.9 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

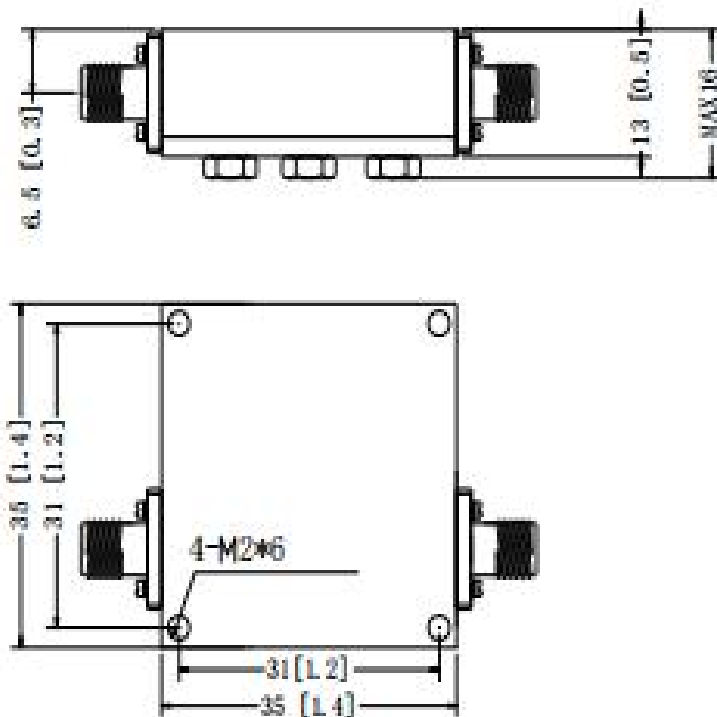
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.7		4.9	GHz
Band Width			0.2	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
Rejection	>50dB@DC-3300Mhz 5400-5900Mhz			
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

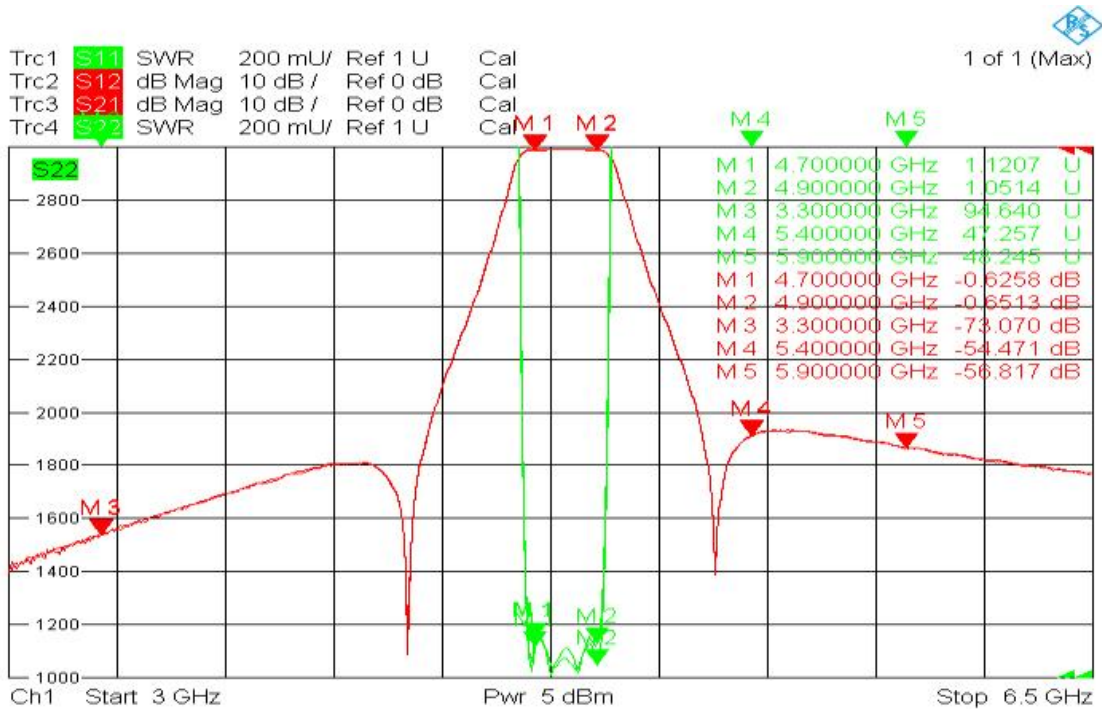


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-4G8-200M-E	Coaxial Band-pass Filter, Passband frequency range: 4.7-4.9GHz, Passband 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.