

Coaxial Band-pass Filter

5.9-7.15 GHz/SMA Female

Model: TLBF-6G525-1250M-E

TLBF-6G525-1250M-E is a coaxial band-pass filter with a passband frequency from 5.9 to 7.15 GHz and a rejection frequencies from DC-4.8 GHz and 8.3 GHz. The maximum insertion loss of the filter is 1.8 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 5.9 to 7.15 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

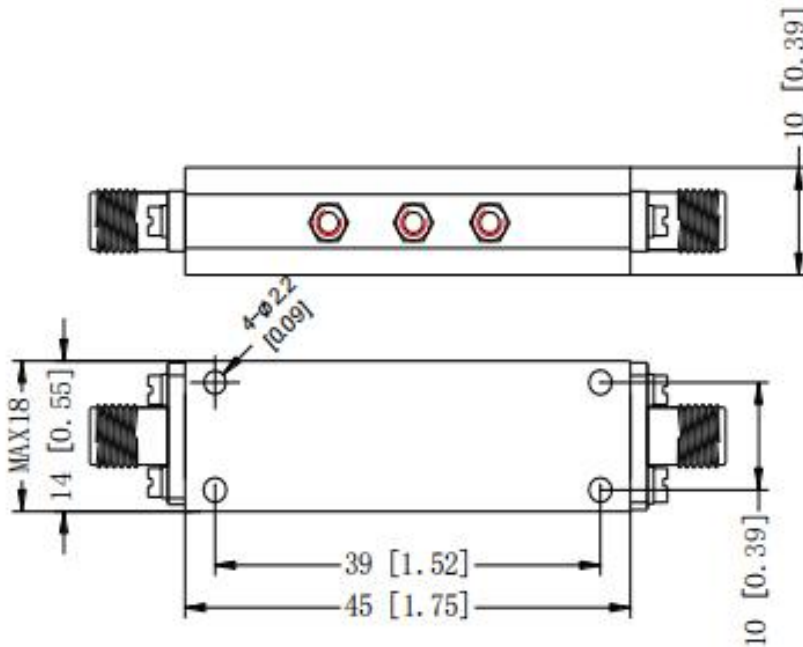
Parameter	Min	Typ	Max	Units
Passband Frequency range	5.9		7.15	GHz
Band Width			1.25	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple	1.2			dB
Rejection	>50dB@DC-4.8Ghz 8.3Ghz			
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

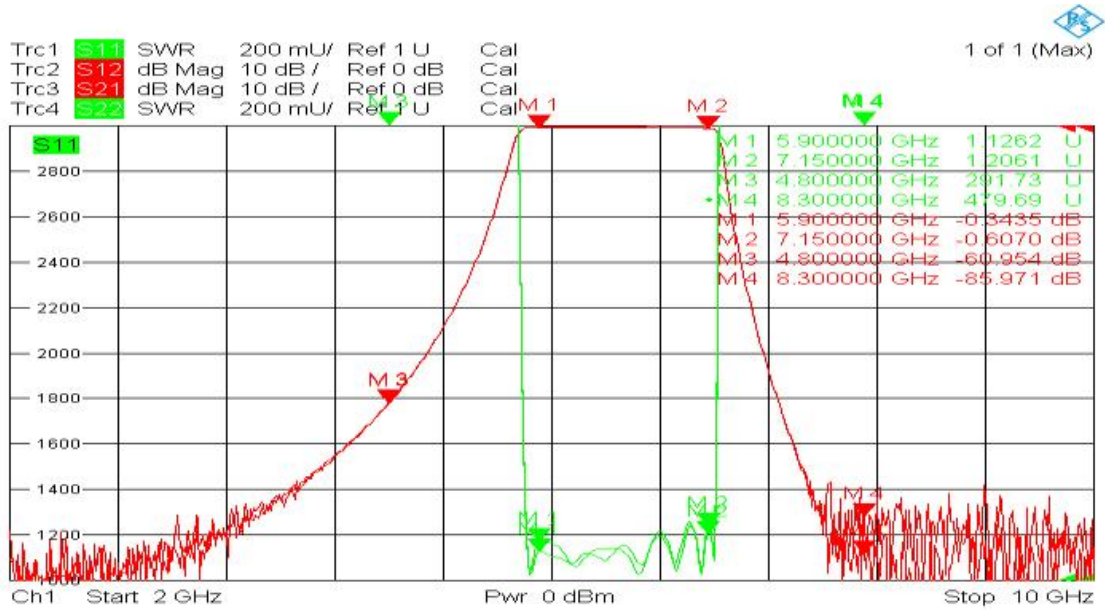


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-6G525-1250M-E	Coaxial Band-pass Filter, Passband frequency range: 5.9-7.15GHz, Insertion Loss: 1.8dB, 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.