

Coaxial Band-pass Filter

4.225-5.525 GHz/SMA Female

Model: TLBF-4G875-1G3-L

TLBF-4G875-1G3-L is a coaxial band-pass filter with a passband frequency from 4.225 to 5.525 GHz and a rejection frequencies from DC-3.5 GHz and 6.5 GHz. The maximum insertion loss of the filter is 2.1 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 4.225 to 5.525 GHz
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

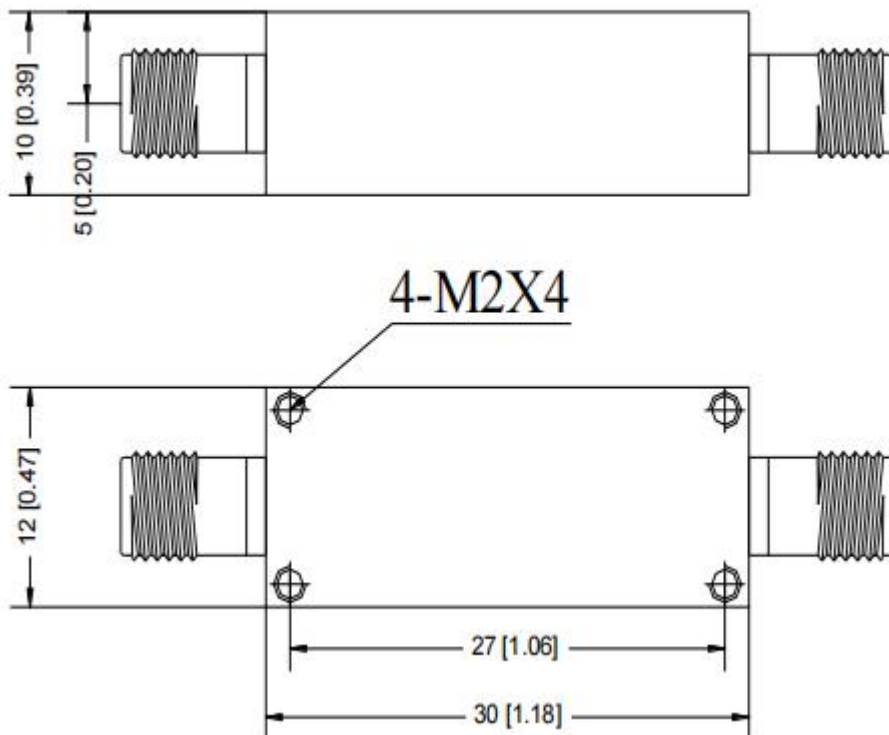
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.225		5.525	GHz
Band Width			1.3	GHz
Passband Insertion Loss			2.1	dB
Pass band Ripple			1.8	dB
Rejection	>40dB@DC-3500Mhz 6500MHz			
Power Handling			2	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

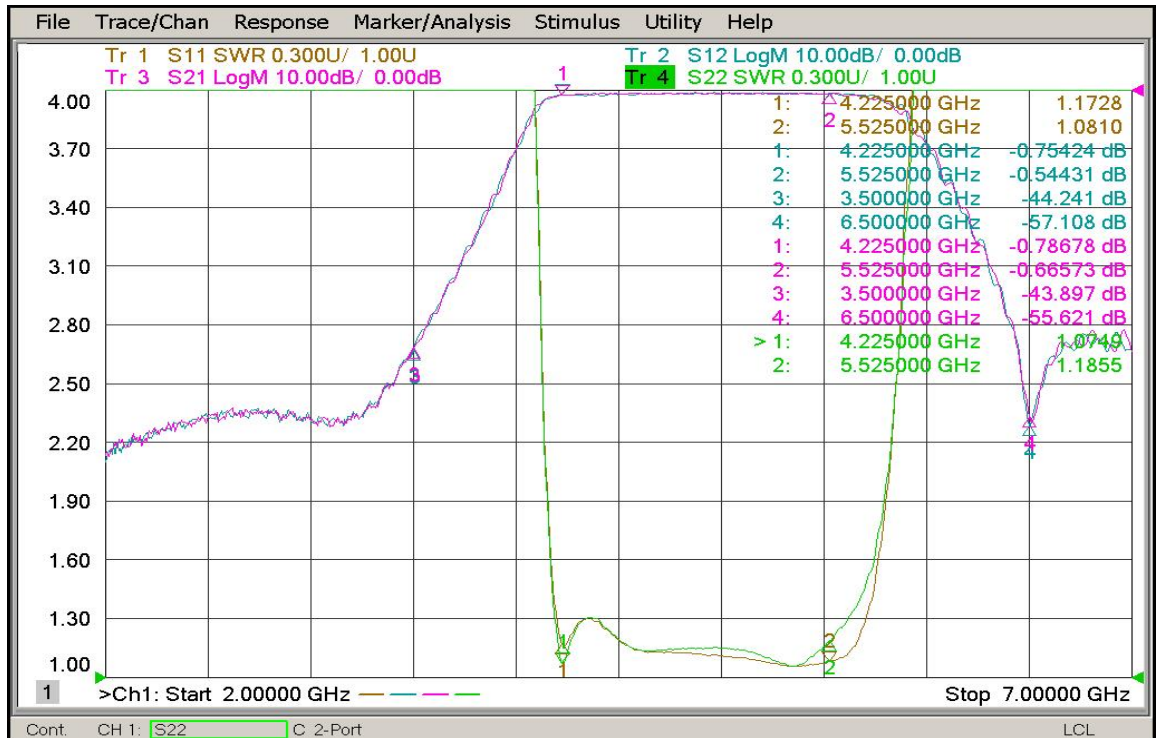


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-4G875-1G3-L	Coaxial Band-pass Filter, Passband frequency range: 4.225-5.525GHz, Passband Insertion Loss: 2.1dB, 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.