

Coaxial Band-pass Filter

2-4 GHz/SMA Female

Model: TLBF-2G-4G-X2

TLBF-2G-4G-X2 is a coaxial band-pass filter with a passband frequency from 2 to 4 GHz and a rejection frequencies from DC-1.5 GHz and 4.5-7GHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 42 dB.

Features:

- Passband Frequency Range 2 to 4 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

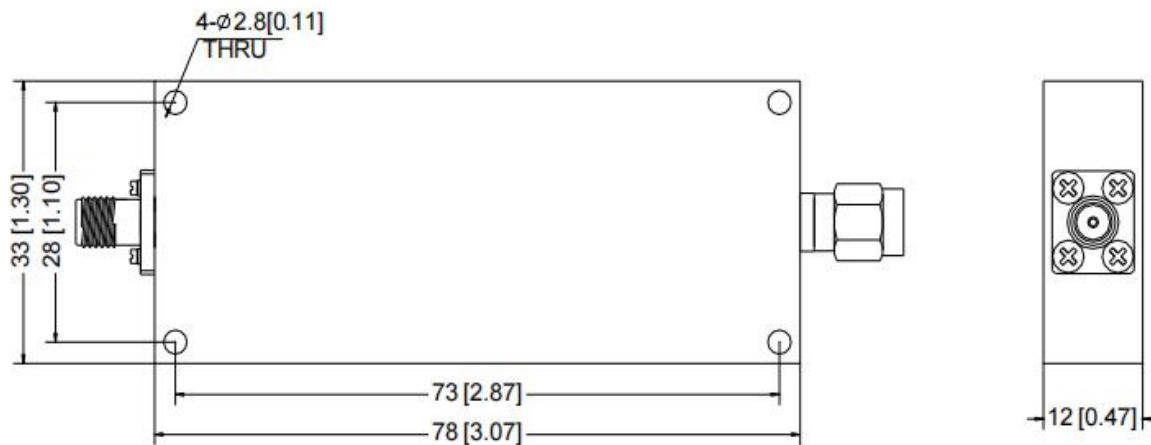
Parameter	Min	Typ	Max	Units
Passband Frequency range	2		4	GHz
Band Width			2	GHz
Passband Insertion Loss			1.2	dB
Pass band Ripple			1.0	dB
Rejection	>42dB@dc-1.5Ghz 4.5-7Ghz			
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

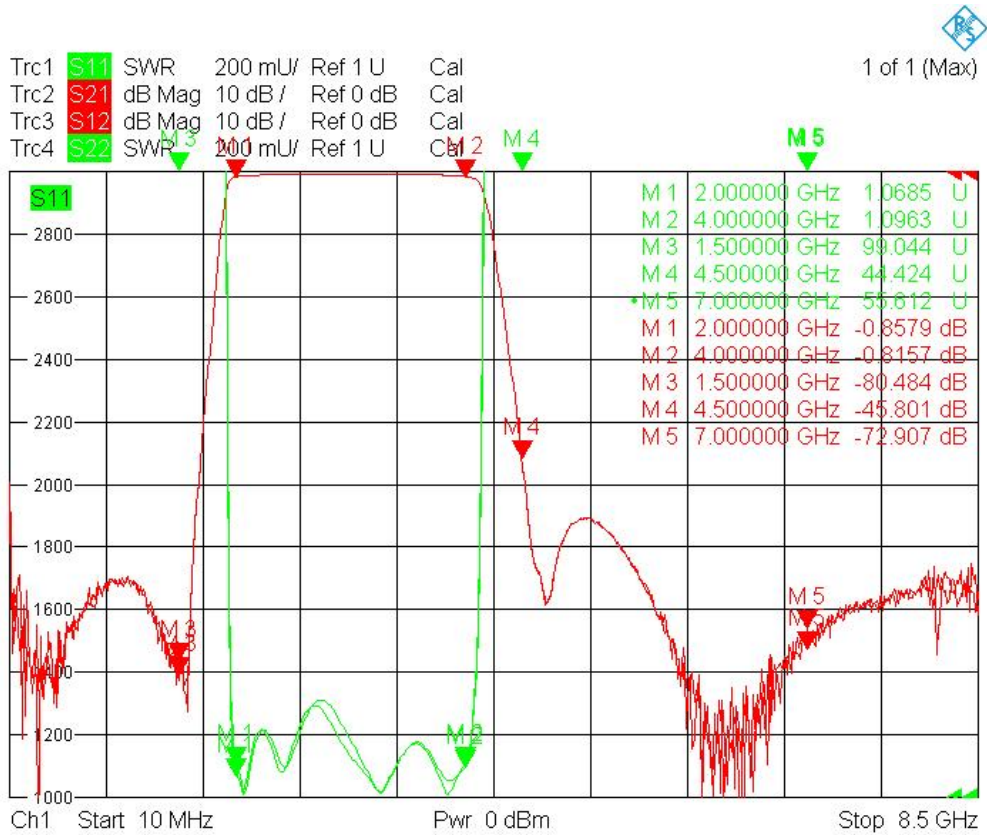


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G-4G-X	Coaxial Band-pass Filter, Passband frequency range: 2-4GHz, 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.