

Coaxial Band-pass Filter

4.4-5 GHz/SMA Female

Model: TLBF-4400-5000-S-100W

TLBF-4400-5000-S-100W is a coaxial band-pass filter with a passband frequency from 4.4 to 5 GHz and a rejection frequencies from DC-3.67 GHz and 5.83-8 GHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 4.4 to 5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

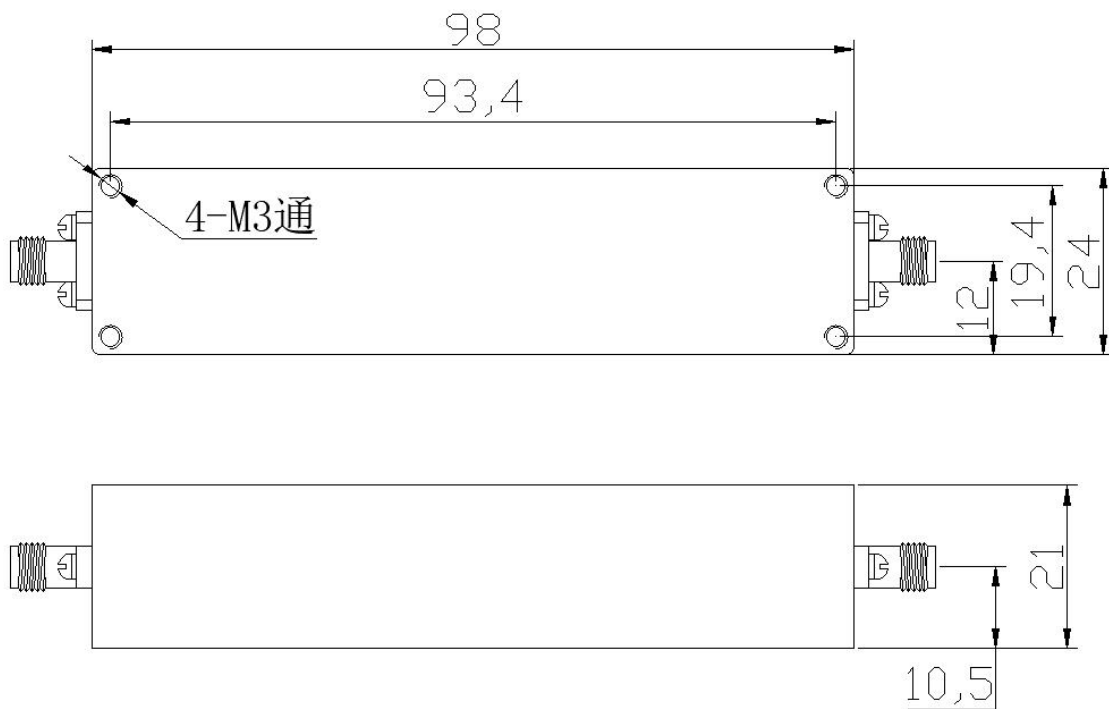
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.4		5	GHz
Passband Insertion Loss			0.5	dB
Rejection	≥70dB@DC-3670MHz&5830-8000MHz			
Power Handling			100	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage temperature	-55 To +85	°C
Connectors	SMA-Female	

Outline Drawing:

Unit:mm

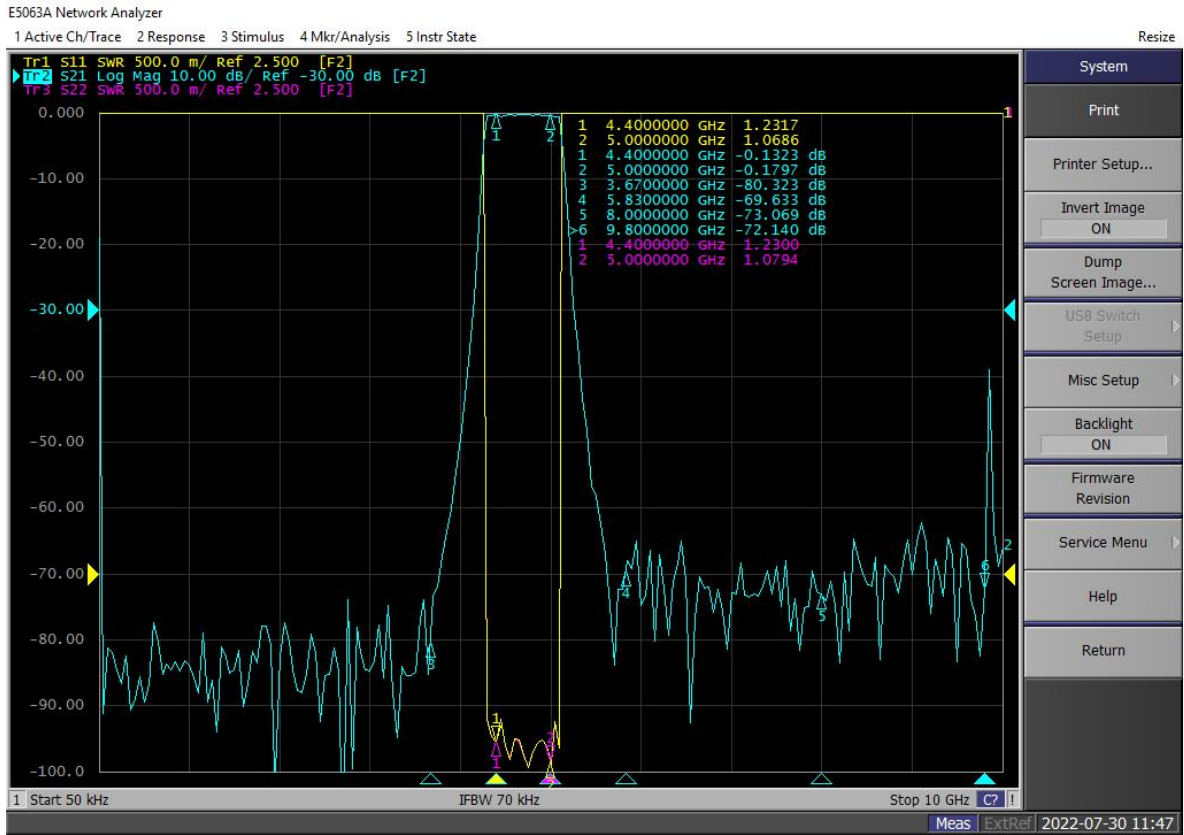


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-4400-5000-S-100W	Coaxial Band-pass Filter, Passband frequency range: 4.4-5GHz, Passband Insertion Loss: 0.5dB, 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.