

Coaxial Band-pass Filter

824-849 MHz/SMA Female

Model: TLBF-824-849-S-100W

TLBF-824-849-S-100W is a coaxial band-pass filter with a passband frequency from 824 to 849 MHz and a rejection frequencies from DC to 765 MHz and from 915 to 2000 MHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 824 to 849 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

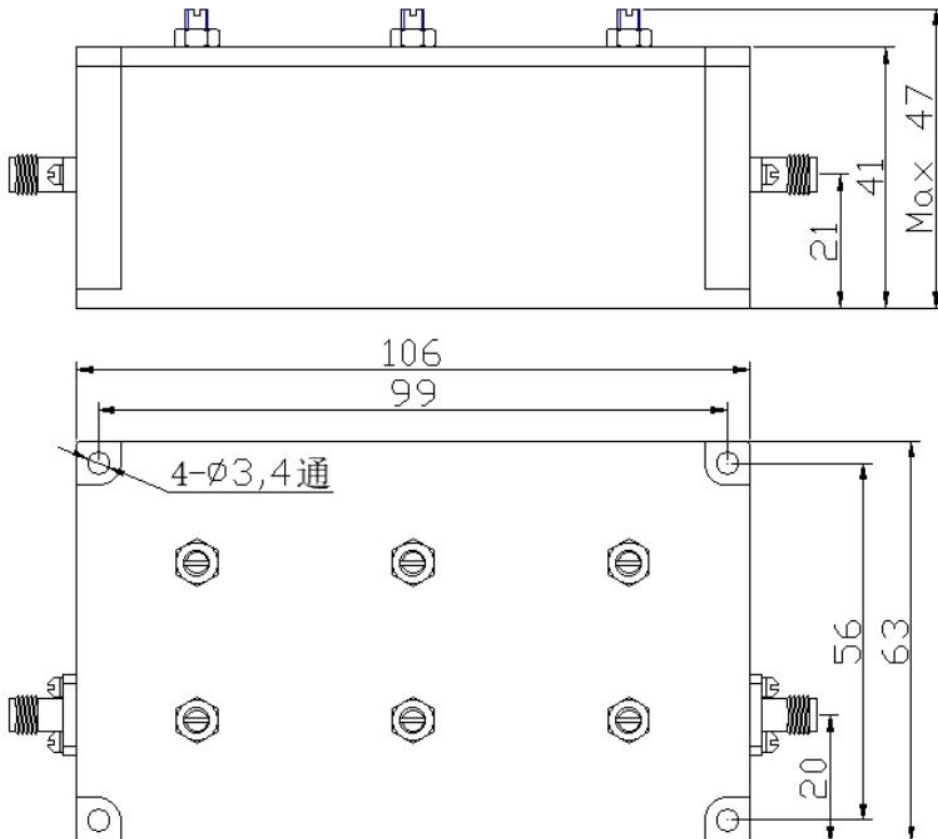
Parameter	Min	Typ	Max	Units
Passband Frequency range	824		849	MHz
Passband Insertion Loss			0.5	dB
VSWR			1.5	:1
Rejection@DC-765MHz&915-2000MHz	70			dB
Power Handling		100		W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-55 to +85	°C
Connectors	SMA Female	
Finish	Silver Plated	
Size	47*63*106	mm

Outline Drawing:

Unit:mm

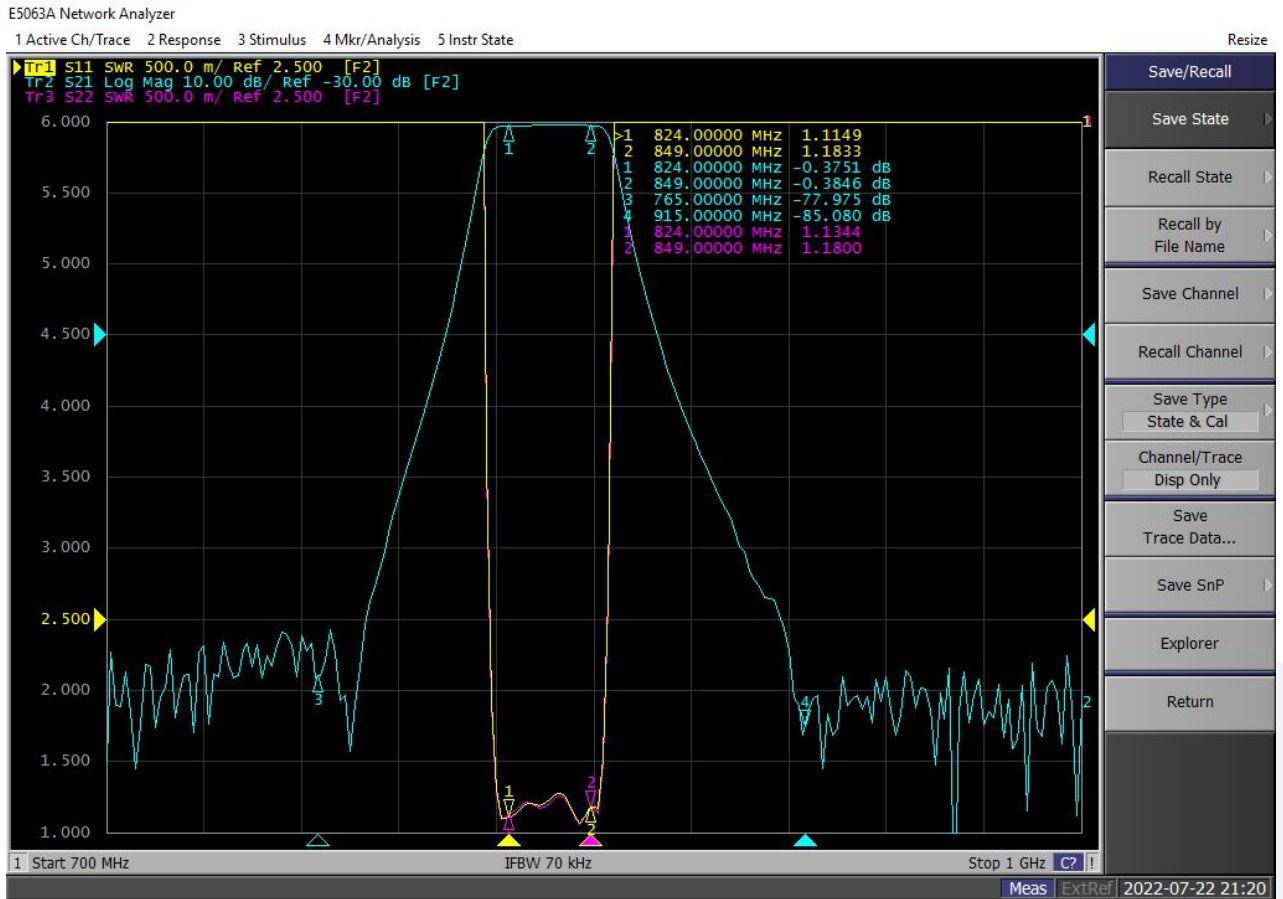


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-824-849-S-100W	Coaxial Band-pass Filter, Passband frequency range: 824-849MHz, 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.