

Coaxial Band-pass Filter

1710-1785 MHz/SMA Female

Model: TLBF-1710-1785-S-100W

TLBF-1710-1785-S-100W is a coaxial band-pass filter with a passband frequency from 1710 to 1785 MHz and a rejection frequencies from DC to 1550 MHz and from 1950 to 3000 MHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 1710 to 1785 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

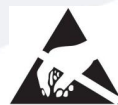
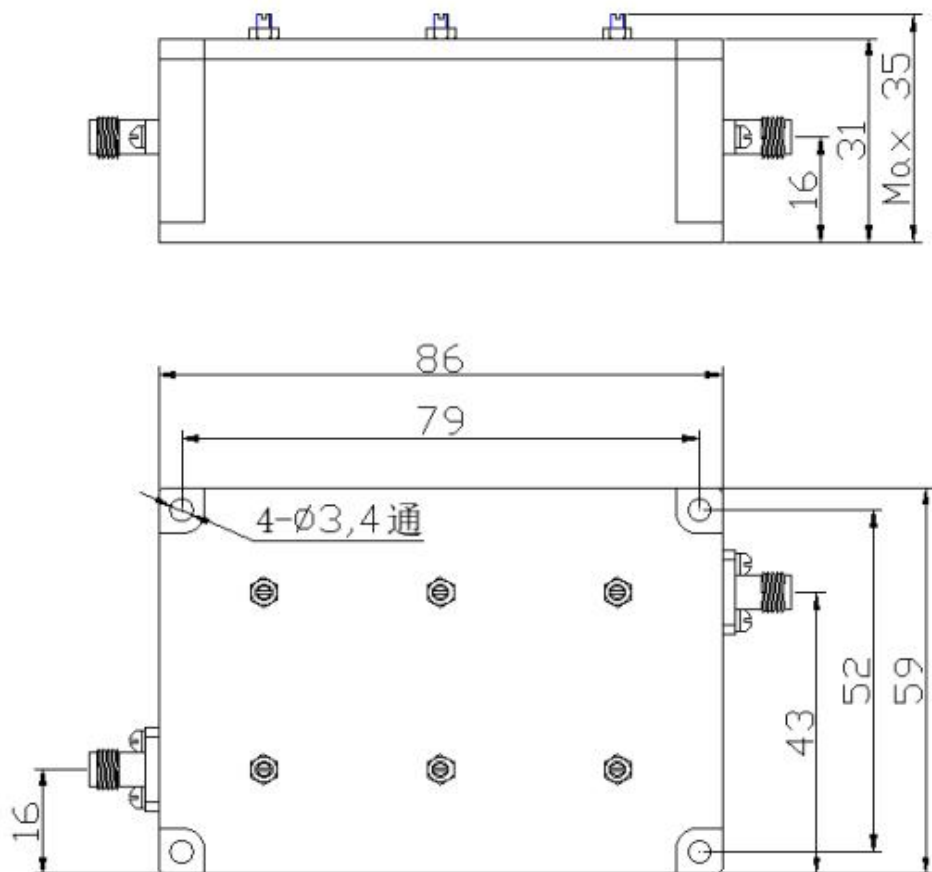
Parameter	Min	Typ	Max	Units
Passband Frequency range	1710		1785	MHz
Passband Insertion Loss			0.5	dB
VSWR			1.5	:1
Rejection@DC-1550MHz&1950-3000MHz	70			dB
Power Handling		100		W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temerature	-55 to +85	°C
Finish	Silver plating	
Connectors	SMA Female	
Size	31*59*86	mm

Outline Drawing:

Unit:mm

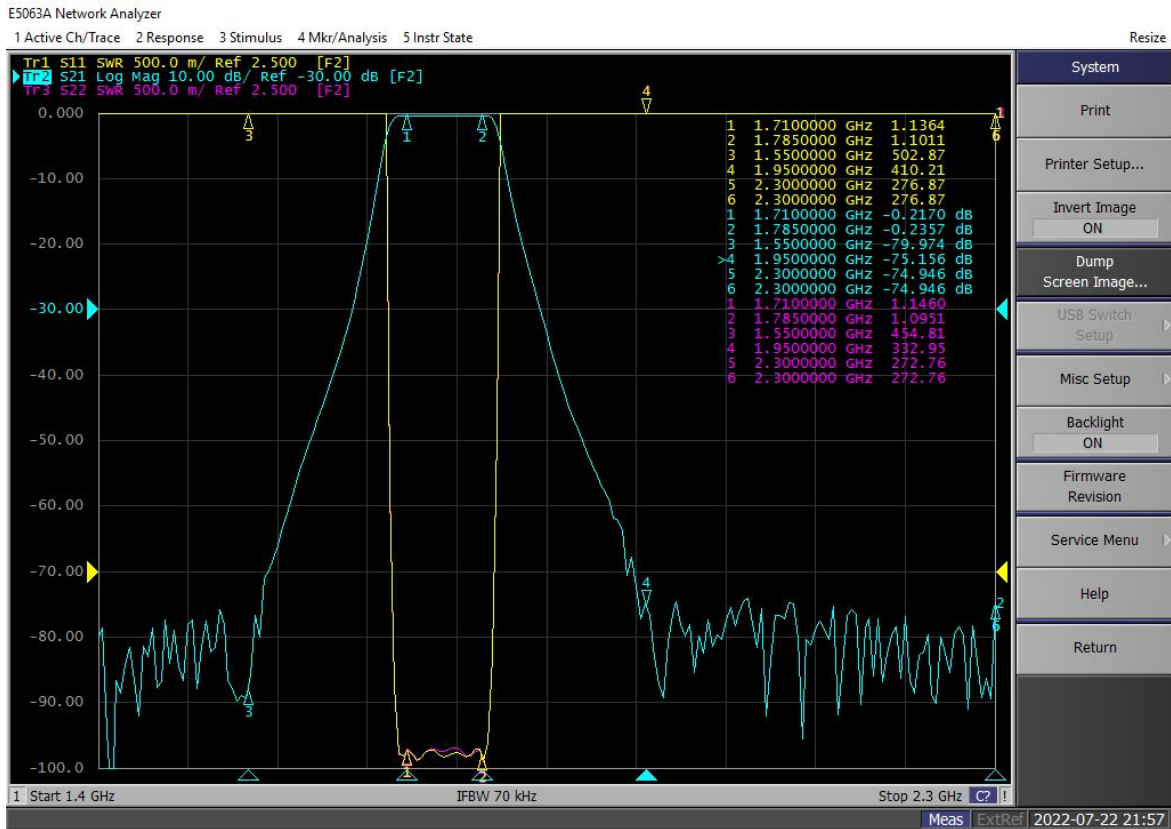


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1710-1785-S-100W	Coaxial Band-pass Filter, Passband frequency range: 1710-1785MHz, 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.