

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

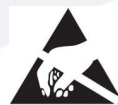
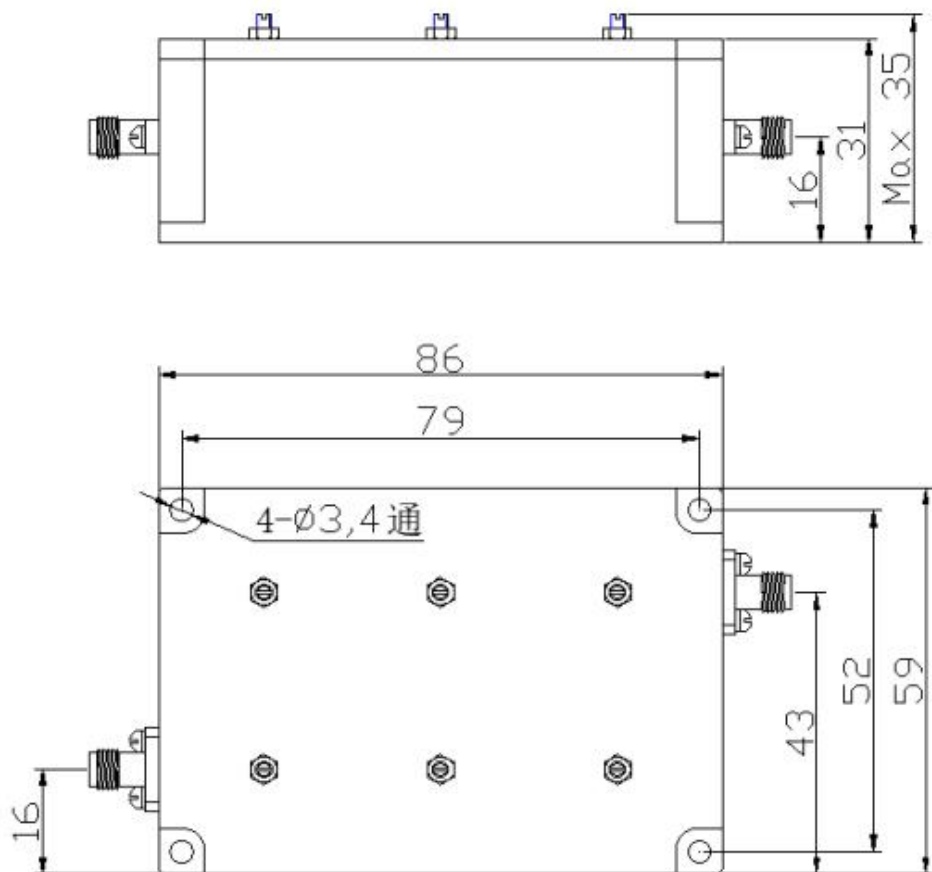
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1710		1785	MHz
通带插损 Passband Insertion Loss			0.5	dB
驻波 VSWR			1.5	:1
带外抑制 Rejection@DC-1550MHz&1950-3000MHz	70			dB
耐受功率 Power Handling		100		W
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	°C
存储温度 Storage Temerature	-55 to +85	°C
表面处理 Finish	Silver plating	
接口 Connectors	SMA Female	
尺寸 Size	31*59*86	mm

外形图 Outline Drawing: Unit:mm

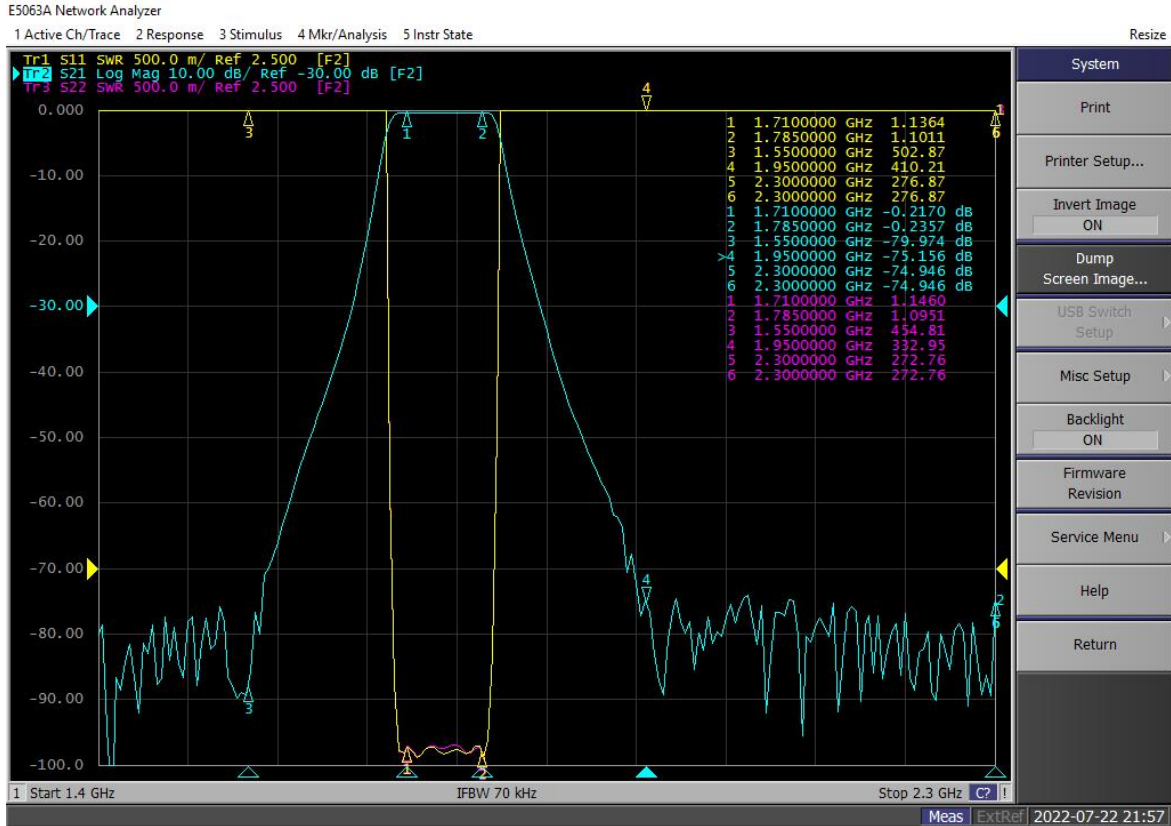


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 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

典型曲线 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.