

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

电气特性 Electrical Characteristics:

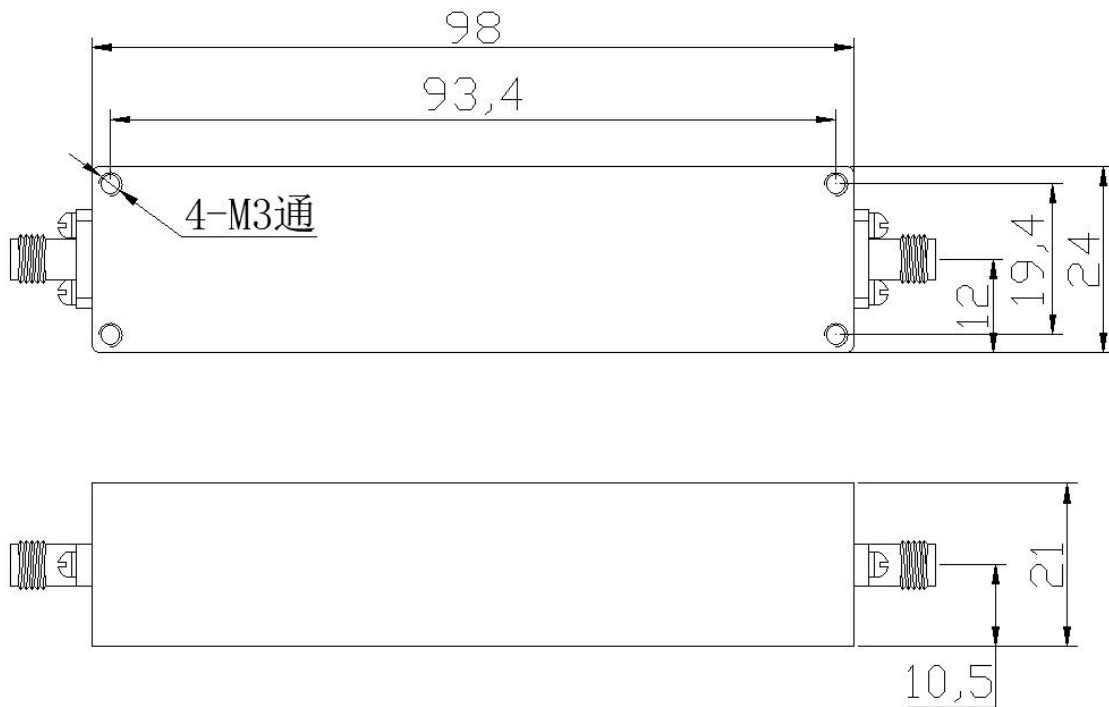
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	4.4		5	GHz
通带插损 Passband Insertion Loss			0.5	dB
带外抑制 Rejection	≥70dB@DC-3670MHz&5830-8000MHz			
耐受功率 Power Handling			100	W
驻波 VSWR			1.5	:1
阻抗 Impedance	50			Ohms

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 Temperature	-40 To +70	°C
存储温度 Storage temperature	-55 To +85	°C
接口 Connectors	SMA-Female	

外形图 Outline Drawing:

Unit:mm

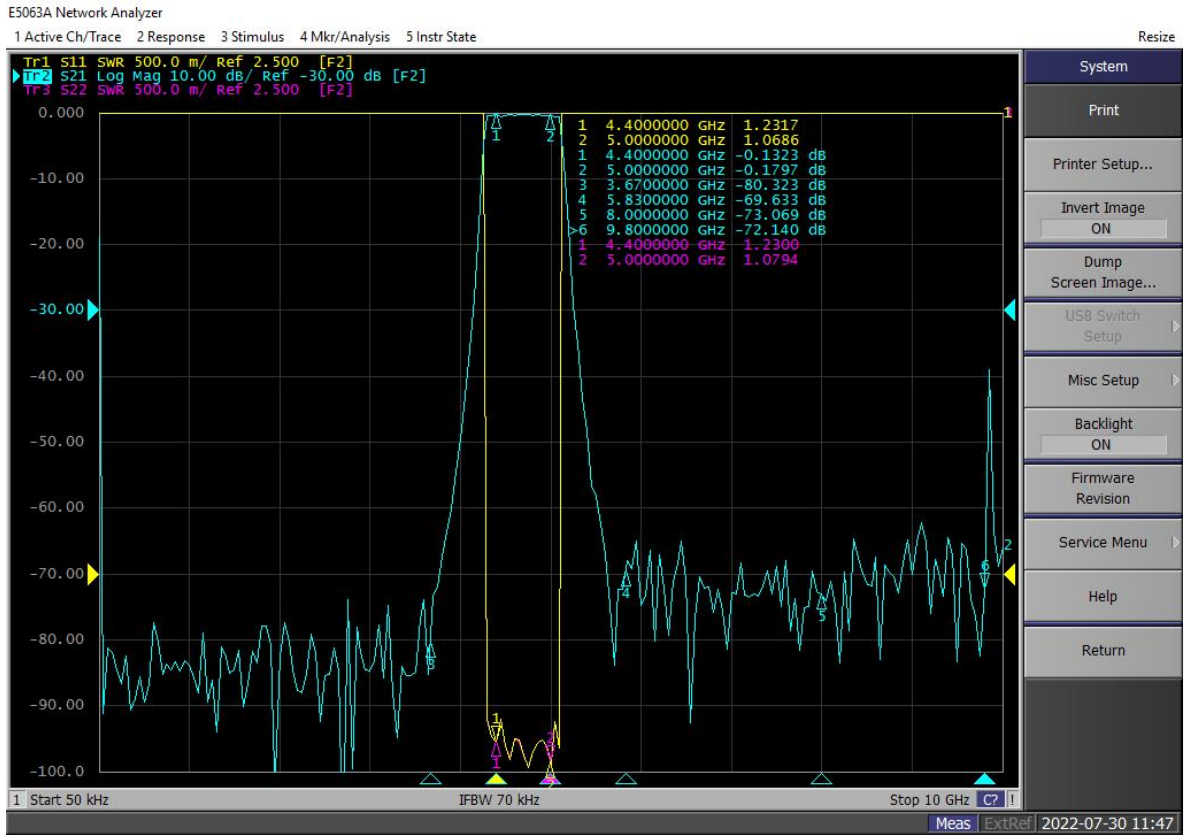


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-4400-5000-S-100W	Coaxial Band-pass Filter, Passband frequency range: 4.4-5GHz, 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.