

Coaxial High-pass Filter

10-50 GHz/SMA Female

Model: TLHF-10G-50G-X

TLHF-10G-50G-X is a coaxial High-pass filter with a passband frequency from 10 to 50 GHz and a rejection frequency from DC to 8 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 35 dB.

Features:

- Passband Frequency Range 10 to 50GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

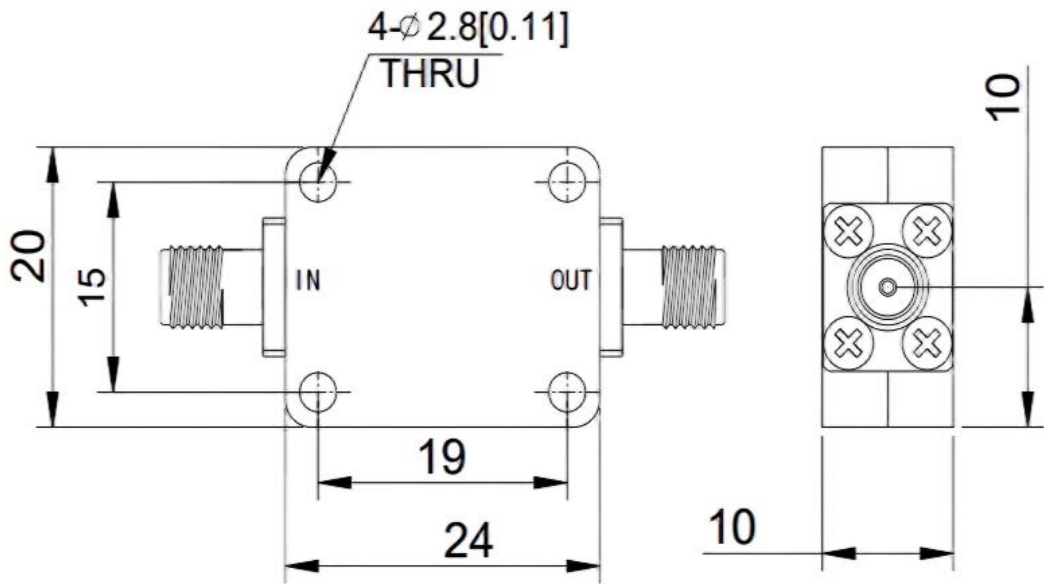
参数 Parameter	Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range	10		50	GHz
通带插损 Passband Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple			1.2	dB
驻波 VSWR			2.0	:1
带外抑制 Rejection@DC-8GHz	35			dB
耐受功率 Power Handling			10	W
阻抗 Impedance	50			Ohms

环境和机械特性 Envriomental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	10*20*24	mm

外形图 Outline Drawing:

Unit:mm

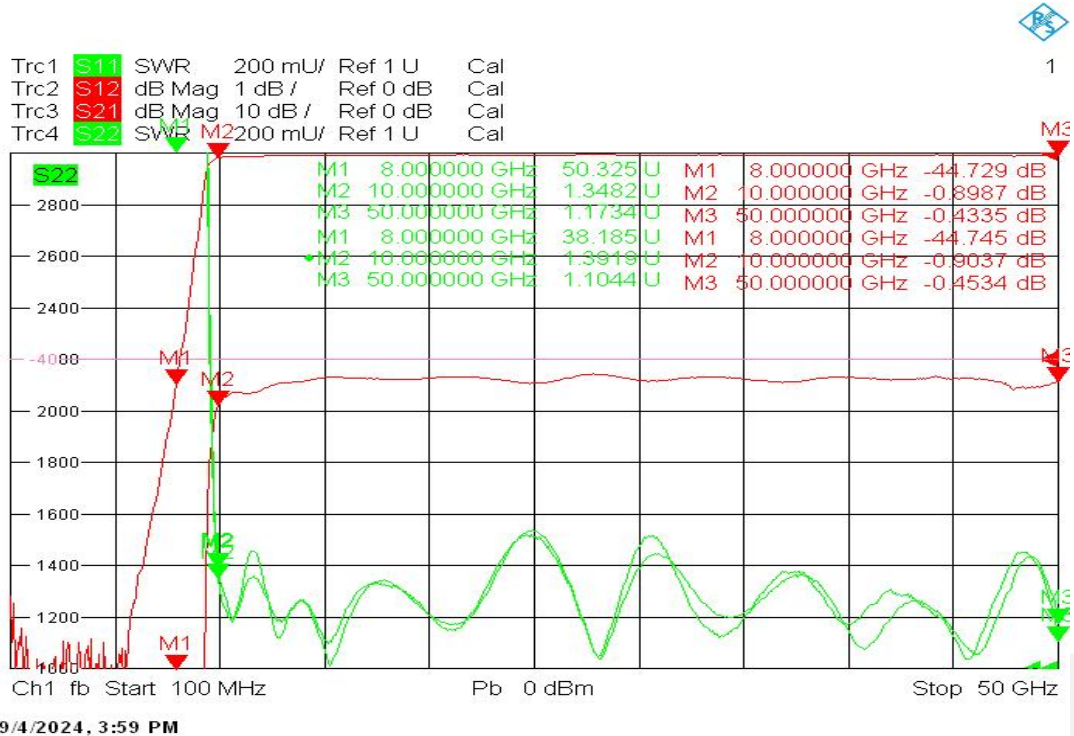


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLHF-10G-50G-X	Coaxial High-pass Filter, Passband frequency range: 10-50GHz, Passband Insertion Loss: 1.5dB, SMA Female Coaxial Fixed Termination	Rev.1.1

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.