

Coaxial High-pass Filter

10-25 GHz/SMA Female

Model: TLHF-10G-25G-X

TLHF-10G-25G-X is a coaxial High-pass filter with a passband frequency from 10 to 25 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 50 dB.

Features:

- Passband Frequency Range 10 to 25GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

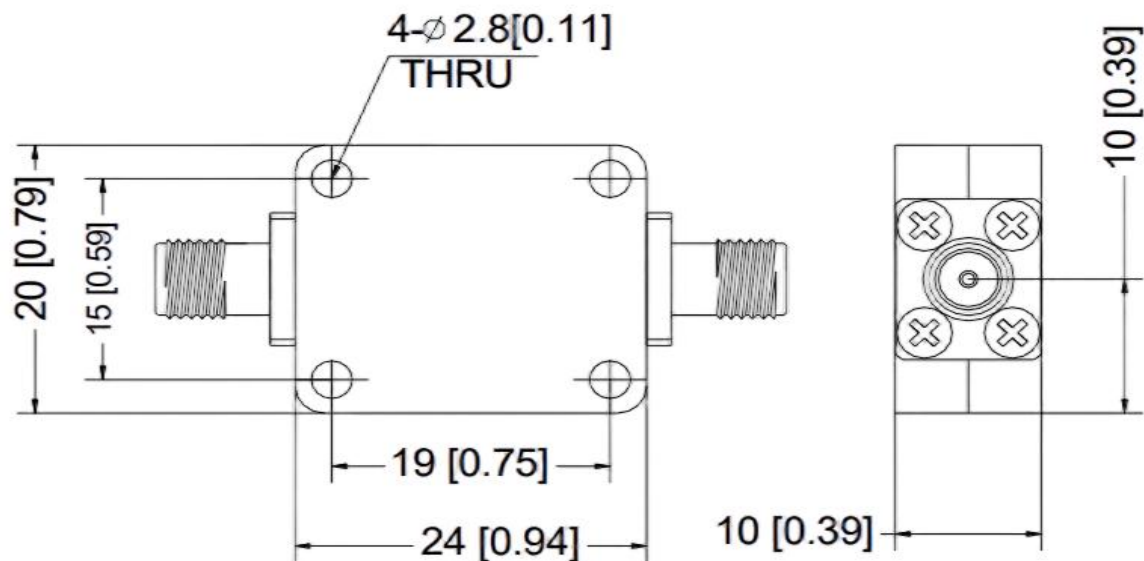
参数 Parameter	Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range	10		25	GHz
带宽 Band Width			15	MHz
通带插损 Passband Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple			1.2	dB
驻波 VSWR			1.8	:1
带外抑制 Rejection@DC-8GHz	50			dB
耐受功率 Power Handling			15	W
阻抗 Impedance	50			Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

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

外形图 Outline Drawing:

Unit:mm

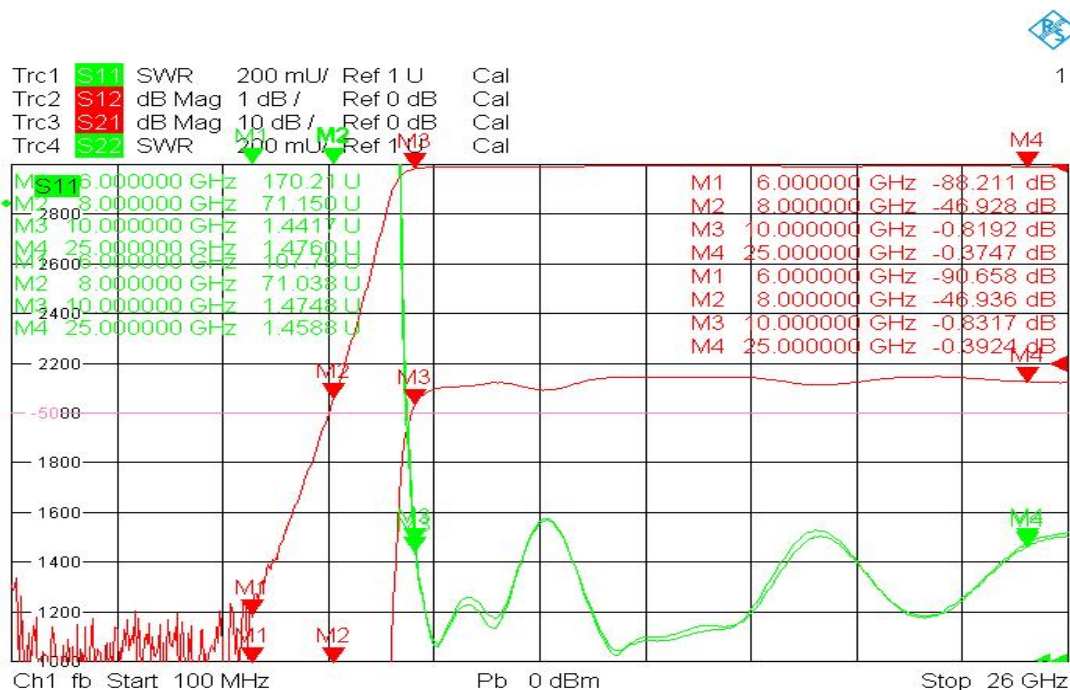


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLHF-10G-25G-X	Coaxial High-pass Filter, Passband frequency range: 10-25GHz, 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.