

Coaxial High-pass Filter

16.6-21.6 GHz/SMA Female

Model: TLHF-16G6-21G6-E

TLHF-16G6-21G6-E is a coaxial High-pass filter with a passband frequency from 16.6 to 21.6 GHz and a rejection frequency from DC to 15 GHz. The maximum insertion loss of the filter is 1.6 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 16.6 to 21.6GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

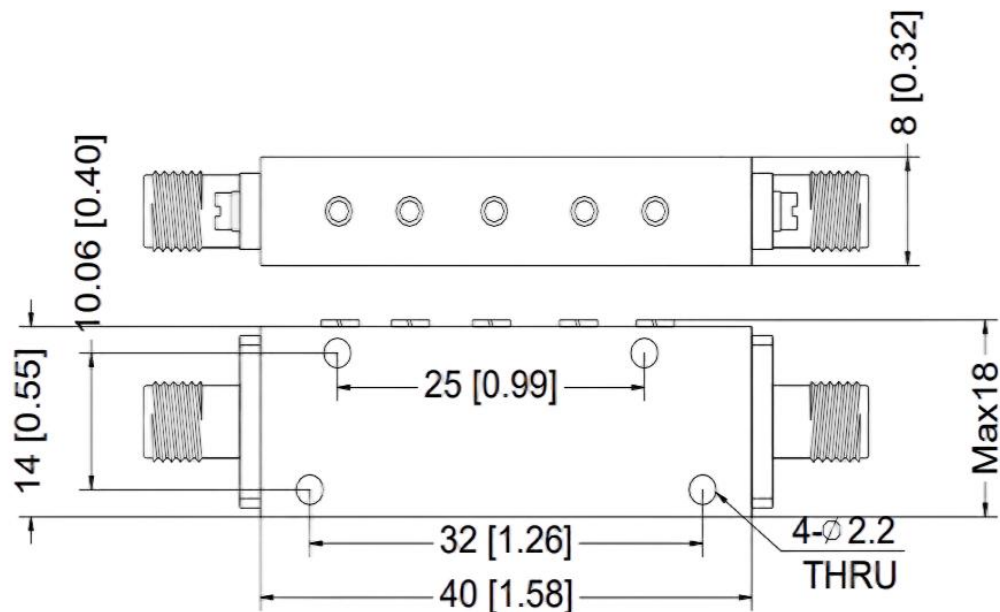
参数 Parameter		Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range		16.6		21.6	GHz
通带插损 Passband Insertion Loss				1.6	dB
带内纹波 Pass Band Ripple				1.4	dB
驻波 VSWR				1.8	:1
带外抑制 Rejection	@DC-15GHz	50			dB
	@16GHz	20			dB
耐受功率 Power Handling				10	W
阻抗 Impedance		50			Ohms

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
接口 Connectors	SMA Female	
尺寸 Size	8*14*40	mm

外形图 Outline Drawing:

Unit:mm

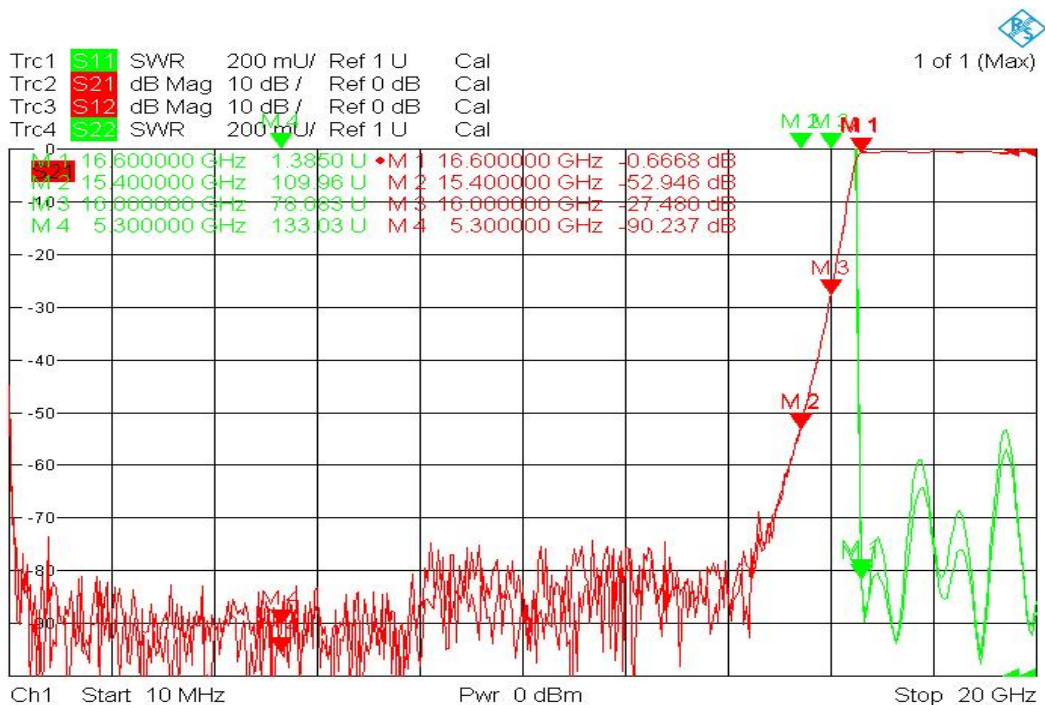


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLHF-16G6-21G6-E	Coaxial High-pass Filter, Passband frequency range: 16.6-21.6GHz, Passband Insertion Loss: 1.6dB, 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.