

## Coaxial High-pass Filter

### 6-26.5 GHz/SMA Female

Model: TLHF-6G-26G5-X3

TLHF-6G-26G5-X3 is a coaxial High-pass filter with a passband frequency from 6 to 26.5 GHz and a rejection frequency from DC to 5 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

#### Features:

- Passband Frequency Range 6 to 26.5GHz
- Low Insertion Loss

#### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

### 电气特性 Electrical Characteristics:

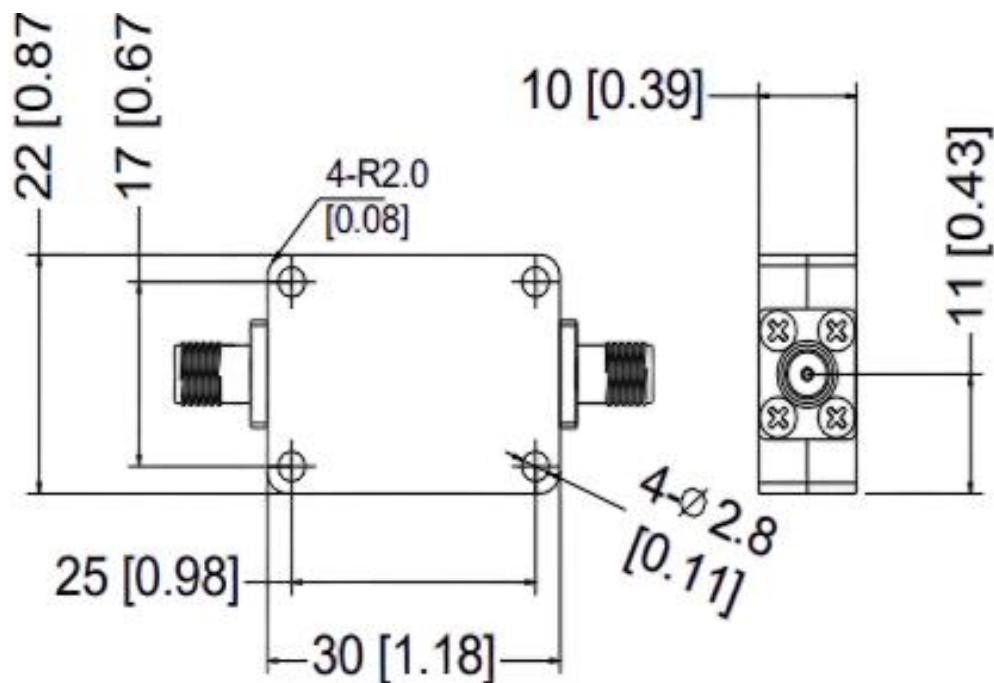
| 参数 Parameter                    | Min | Typ | Max  | 单位 Units |
|---------------------------------|-----|-----|------|----------|
| 带通频率范围 Passband Frequency range | 6   |     | 26.5 | GHz      |
| 通带插损 Passband Insertion Loss    |     |     | 1.5  | dB       |
| 带内纹波 Pass Band Ripple           |     |     | 1.0  | dB       |
| 驻波 VSWR                         |     |     | 2.5  | :1       |
| 带外抑制 Rejection@DC-5GHz          | 40  |     |      | 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 Temperature | -40 To +70   | °C       |
| 接口 Connectors              | SMA Female   |          |
| 尺寸 Size                    | 10*22*30     | mm       |

## 外形图 Outline Drawing:

Unit:mm

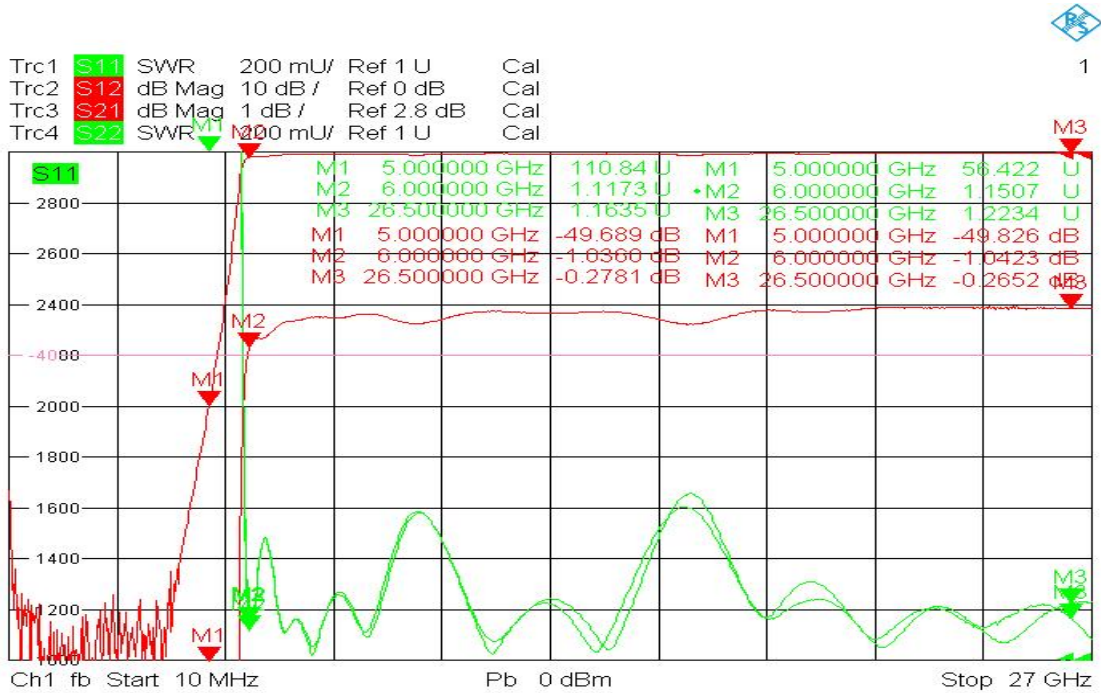


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## 订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description                                                                                                                      | 版本号 Revision |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|
| TLHF-6G-26G5-X3  | Coaxial High-pass Filter, Passband frequency range: 6-26.5GHz, 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.