

## Coaxial Highpass Filter

2-18 GHz/2.92mm

Model: TLHF-2G18G-K-A

TLHF-2G18G-K-A is a coaxial highpass filter with a passband frequency from 2 to 18 GHz and a center frequency is 10 GHz. The nominal insertion loss of the filter is 2.4 dB and the typical rejection is 40 dB.

### Features:

- Passband Frequency Range 2 to 18 GHz
- Low Insertion Loss

### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

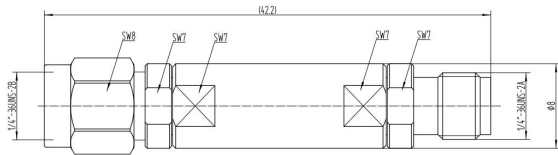
## 电气特性 Electrical Characteristics:

| 参数 Parameter                    | Min                     | Typ | Max | 单位 Units |
|---------------------------------|-------------------------|-----|-----|----------|
| 带通频率范围 Passband Frequency range | 2                       |     | 18  | KHz      |
| 通带插损 Passband Insertion Loss    |                         |     | 2.4 | dB       |
| 带外抑制 Rejection                  | 20@1.4GHz<br>40@1.25GHz |     |     | dB       |
| 回波损耗 Return Loss                |                         | 15  |     | dB       |
| 耐受功率 Power Handling             |                         |     | 1   | W        |
| 阻抗 Impedance                    | 50                      |     |     | Ohms     |

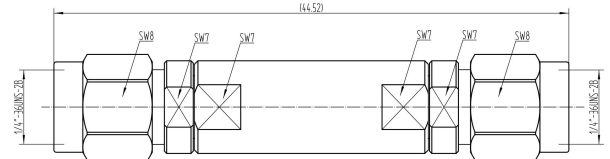
## 环境和机械特性 Envrionmental And Physical Characteristics:

| 类型 Description             | 参数 Parameter | 单位 Units |
|----------------------------|--------------|----------|
| 操作温度 Operating Temperature | -55 To +125  | °C       |
| 存储温度 Storage Temperature   | -65 to +150  | °C       |
| 接口 Connectors              | 2.92mm       |          |
| 重量 Weight                  | /            | g        |

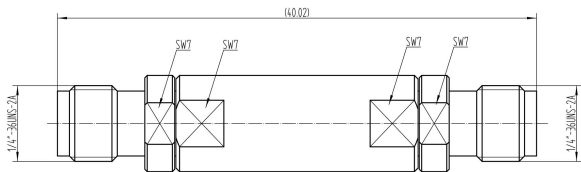
**外形图 Outline Drawing: Unit:mm**



TLHF-2G18G-K-A



TLHF-2G18G-MM-A



TLHF-2G18G-FF-A



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 Desciption                                                                                                                                    | 版本号 Revision |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| TLHF-2G18G-K-A   | Coaxial Highpass Filter, Passband frequency range: 2-18GHz, Passband Insertion Loss: 2.4dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination. | Rev.1.1      |
| TLHF-2G18G-MM-A  | Coaxial Highpass Filter, Passband frequency range: 2-18GHz, Passband Insertion Loss: 2.4dB, 2.92mm Male Coaxial Fixed Termination.               | Rev.1.1      |
| TLHF-2G18G-FF-A  | Coaxial Highpass Filter, Passband frequency range: 2-18GHz, Passband Insertion Loss: 2.4dB, 2.92mm Female Coaxial Fixed Termination.             | Rev.1.1      |