

Coaxial Highpass Filter

3-20 GHz/2.92mm

Model: TLHF-3G20G-K

TLHF-3G20G-K is a coaxial highpass filter with a passband frequency from 3 to 20 GHz and a center frequency is 11.5 GHz. The nominal insertion loss of the filter is 1.3 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 3 to 20 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

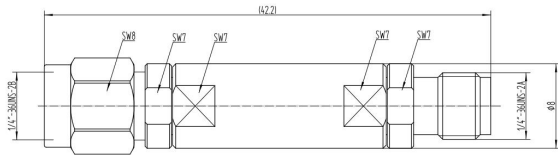
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range	3		20	KHz
通带插损 Passband Insertion Loss			1.3	dB
带外抑制 Rejection	20@1.91GHz 40@1.77GHz			dB
回波损耗 Return Loss		15		dB
耐受功率 Power Handling			1	W
阻抗 Impedance	50			Ohms

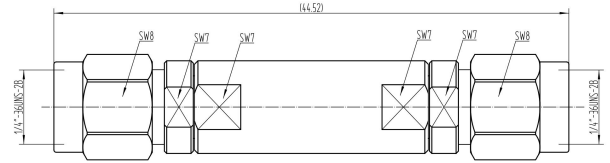
环境和机械特性 Envirionmental And Physical Characteristics:

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

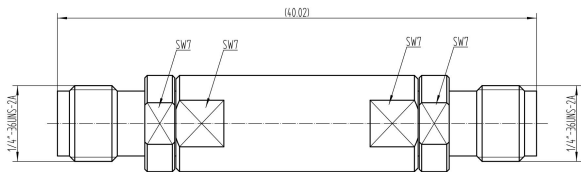
外形图 Outline Drawing: Unit:mm



TLHF-3G20G-K



TLHF-3G20G-MM



TLHF-3G20G-FF



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-3G20G-K	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination.	Rev.1.1
TLHF-3G20G-MM	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.3dB, 2.92mm Male Coaxial Fixed Termination.	Rev.1.1
TLHF-3G20G-FF	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.3dB, 2.92mm Female Coaxial Fixed Termination.	Rev.1.1