

Coaxial Highpass Filter

7-30 GHz/2.92mm

Model: TLHF-7G30G-K

TLHF-7G30G-K is a coaxial highpass filter with a passband frequency from 7 to 30 GHz and a center frequency is 18.5 GHz. The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 7 to 30 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

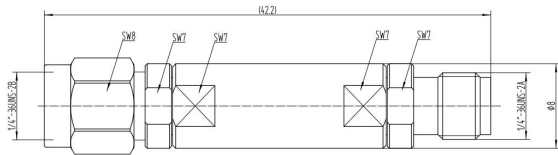
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range	7		30	KHz
通带插损 Passband Insertion Loss			1.5	dB
带外抑制 Rejection	20@5.12GHz 40@4.58GHz			dB
回波损耗 Return Loss		15		dB
耐受功率 Power Handling			1	W
阻抗 Impedance	50			Ohms

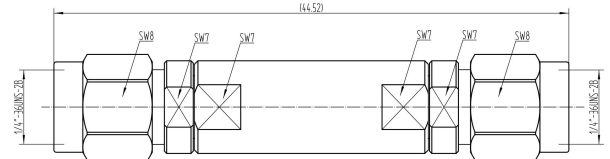
环境和机械特性 Envrionmental And Physical Characteristics:

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

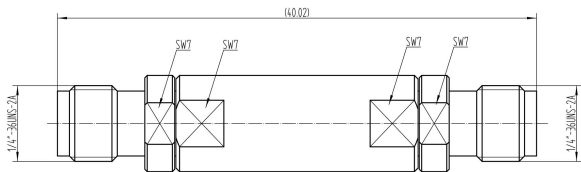
外形图 Outline Drawing: Unit:mm



TLHF-7G30G-K



TLHF-7G30G-MM



TLHF-7G30G-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-7G30G-K	Coaxial Highpass Filter, Passband frequency range: 7-30GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination.	Rev.1.1
TLHF-7G30G-MM	Coaxial Highpass Filter, Passband frequency range: 7-30GHz, Passband Insertion Loss: 1.5dB, 2.92mm Male Coaxial Fixed Termination.	Rev.1.1
TLHF-7G30G-FF	Coaxial Highpass Filter, Passband frequency range: 7-30GHz, Passband Insertion Loss: 1.5dB, 2.92mm Female Coaxial Fixed Termination.	Rev.1.1