

Coaxial Highpass Filter

3-20 GHz/2.92mm

Model: TLHF-3G20G-K-A

TLHF-3G20G-K-A 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 1.8 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

Electrical Characteristics:

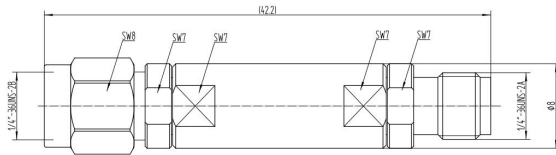
Parameter	Min	Typ	Max	Units
Passband Frequency range	3		20	KHz
Passband Insertion Loss			1.8	dB
Rejection	20@1.85GHz 40@1.67GHz			dB
Return Loss		15		dB
Power Handling			1	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

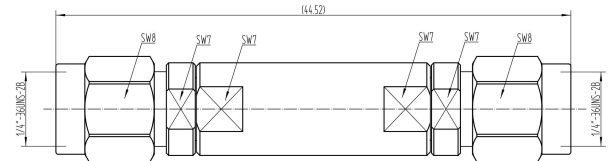
Description	Parameter	Units
Operating Temerature	-55 To +125	°C
Storage Temerature	-65 to +150	°C
Connectors	2.92mm	
Weight	/	g

Outline Drawing:

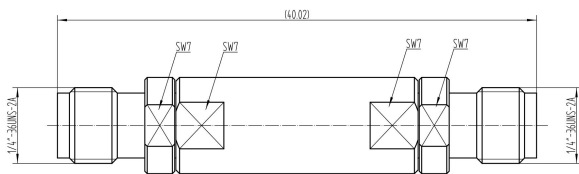
Unit:mm



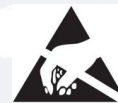
TLHF-3G20G-K-A



TLHF-3G20G-MM-A



TLHF-3G20G-FF-A



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

Ordering Information:

Base Number	Description	Revision
TLHF-3G20G-K-A	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.8dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination.	Rev.1.1
TLHF-3G20G-MM-A	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.8dB, 2.92mm Male Coaxial Fixed Termination.	Rev.1.1
TLHF-3G20G-FF-A	Coaxial Highpass Filter, Passband frequency range: 3-20GHz, Passband Insertion Loss: 1.8dB, 2.92mm Female Coaxial Fixed Termination.	Rev.1.1