

Coaxial Highpass Filter

15-40 GHz/2.92mm

Model: TLHF-15G40G-K

TLHF-15G40G-K is a coaxial highpass filter with a passband frequency from 15 to 40 GHz and a center frequency is 45 GHz. The nominal insertion loss of the filter is 1.7 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 15 to 40 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

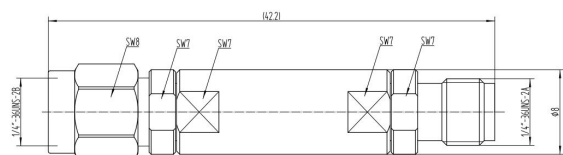
Parameter	Min	Typ	Max	Units
Passband Frequency range	15		40	KHz
Passband Insertion Loss			1.7	dB
Rejection	20@11.7GHz 40@10.6GHz			dB
Return Loss		18		dB
Power Handling			1	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

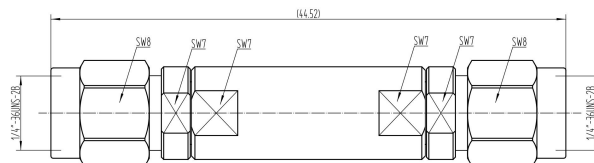
Description	Parameter	Units
Operating Temerature	-55 To +125	°C
Storage Temerature	-65 to +150	°C
Connectors	2.92mm	
Weight	/	g

Outline Drawing:

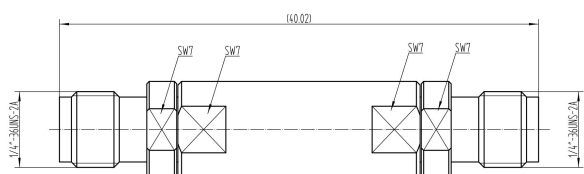
Unit:mm



TLHF-15G40G-K



TLHF-15G40G-MM



TLHF-15G40G-FF



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

Ordering Information:

Base Number	Description	Revision
TLHF-15G40G-K	Coaxial Highpass Filter, Passband frequency range: 15-40GHz, Passband Insertion Loss: 1.7dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination.	Rev.1.1
TLHF-15G40G-MM	Coaxial Highpass Filter, Passband frequency range: 15-40GHz, Passband Insertion Loss: 1.7dB, 2.92mm Male Coaxial Fixed Termination.	Rev.1.1
TLHF-15G40G-FF	Coaxial Highpass Filter, Passband frequency range: 15-40GHz, Passband Insertion Loss: 1.7dB, 2.92mm Female Coaxial Fixed Termination.	Rev.1.1