

Coaxial Highpass Filter

12-35 GHz/2.92mm

Model: TLHF-12G35G-K

TLHF-12G35G-K is a coaxial highpass filter with a passband frequency from 12 to 35 GHz and a center frequency is 23.5 GHz. The nominal insertion loss of the filter is 1.6 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 12 to 35 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

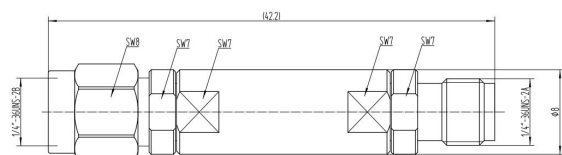
Parameter	Min	Typ	Max	Units
Passband Frequency range	12		35	KHz
Passband Insertion Loss			1.6	dB
Rejection	20@8.4GHz 40@7.7GHz			dB
Return Loss		15		dB
Power Handling			1	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

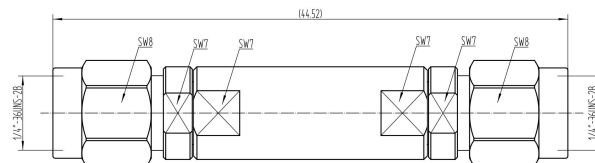
Description	Parameter	Units
Operating Temerature	-55 To +125	°C
Storage Temerature	-65 to +150	°C
Connectors	2.92mm	
Weight	/	g

Outline Drawing:

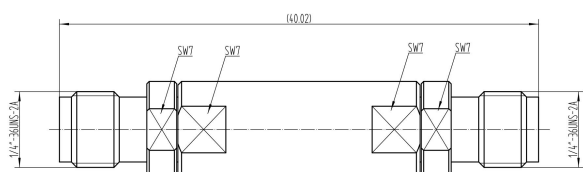
Unit:mm



TLHF-12G35G-K



TLHF-12G35G-MM



TLHF-12G35G-FF



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

Ordering Information:

Base Number	Description	Revision
TLHF-12G35G-K	Coaxial Highpass Filter, Passband frequency range: 12-35GHz, Passband Insertion Loss: 1.6dB, 2.92mm Male/2.92mm Female Coaxial Fixed Termination.	Rev.1.1
TLHF-12G35G-MM	Coaxial Highpass Filter, Passband frequency range: 12-35GHz, Passband Insertion Loss: 1.6dB, 2.92mm Male Coaxial Fixed Termination.	Rev.1.1
TLHF-12G35G-FF	Coaxial Highpass Filter, Passband frequency range: 12-35GHz, Passband Insertion Loss: 1.6dB, 2.92mm Female Coaxial Fixed Termination.	Rev.1.1