

Coaxial High-pass Filter

18-40 GHz/2.92mm Female

Model: TLHF-18G-40G-X3

TLHF-18G-40G-X3 is a coaxial High-pass filter with a passband frequency from 18 to 40 GHz and a rejection frequency from DC to 17 GHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 18 to 40GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

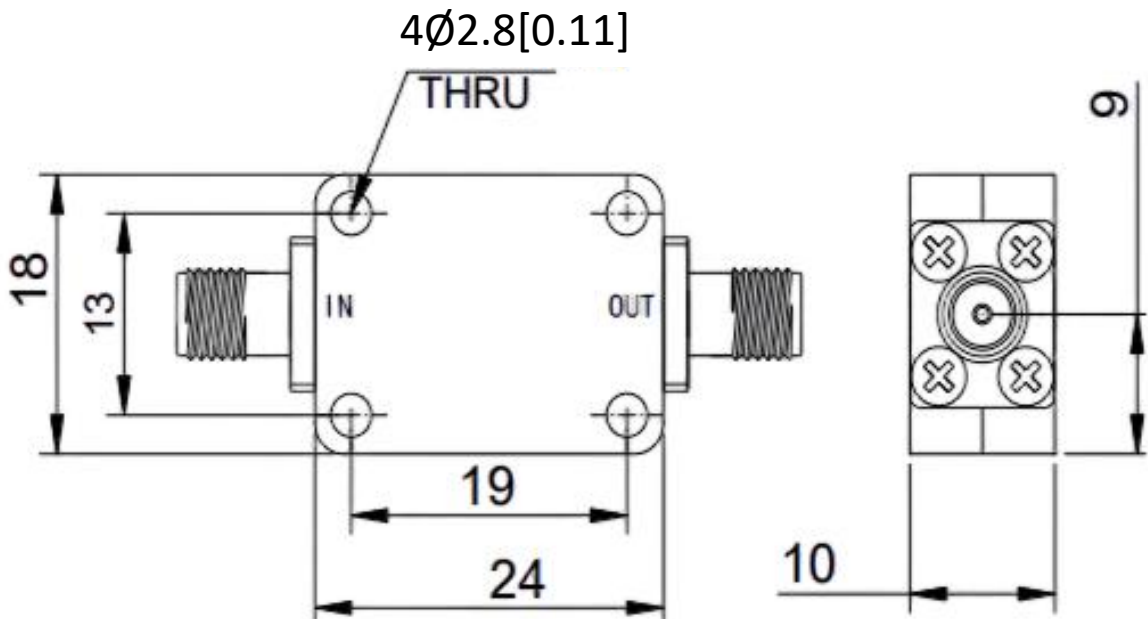
Parameter	Min	Typ	Max	Units
Passband Frequency range	18		40	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.6	dB
VSWR			2.2	:1
Rejection@DC-17GHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	2.92mm Female	
Size	10*18*24	mm

Outline Drawing:

Unit:mm

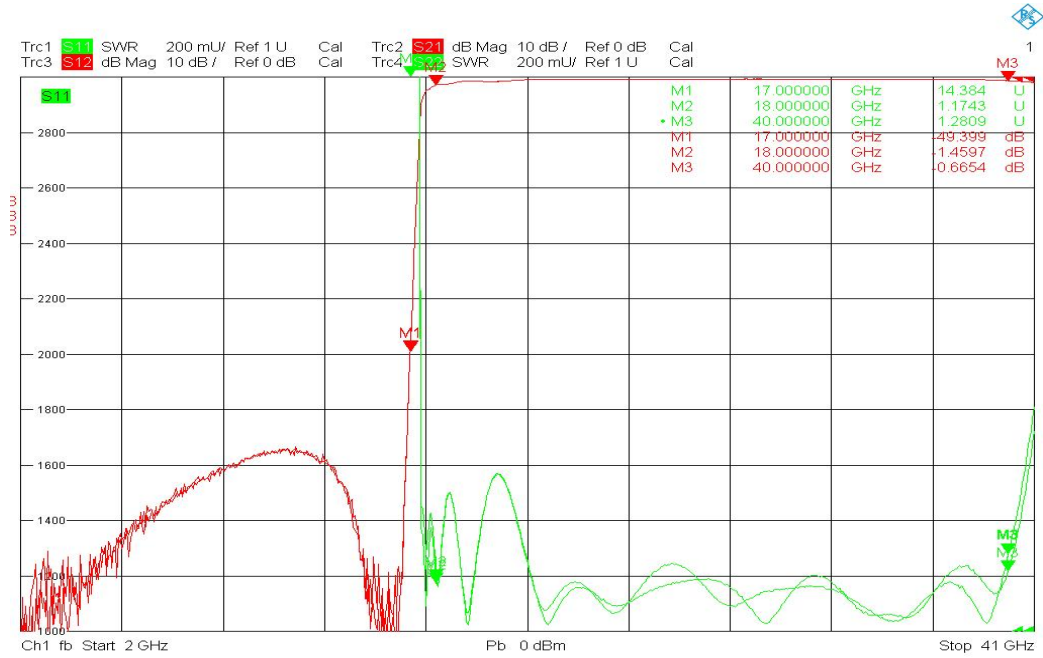


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-18G-40G-X3	Coaxial High-pass Filter, Passband frequency range: 18-40GHz, Passband Insertion Loss: 2.0dB, 2.92mm Female Coaxial Fixed Termination	Rev.1.1

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.