

Coaxial High-pass Filter

4-40 GHz/1.85mm Male

Model: TLHF-4G-40G-X-1.85M

TLHF-4G-40G-X-1.85M is a coaxial High-pass filter with a passband frequency from 4 to 40 GHz and a rejection frequency from DC to 2 GHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 30 dB.

Features:

- Passband Frequency Range 4 to 40GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

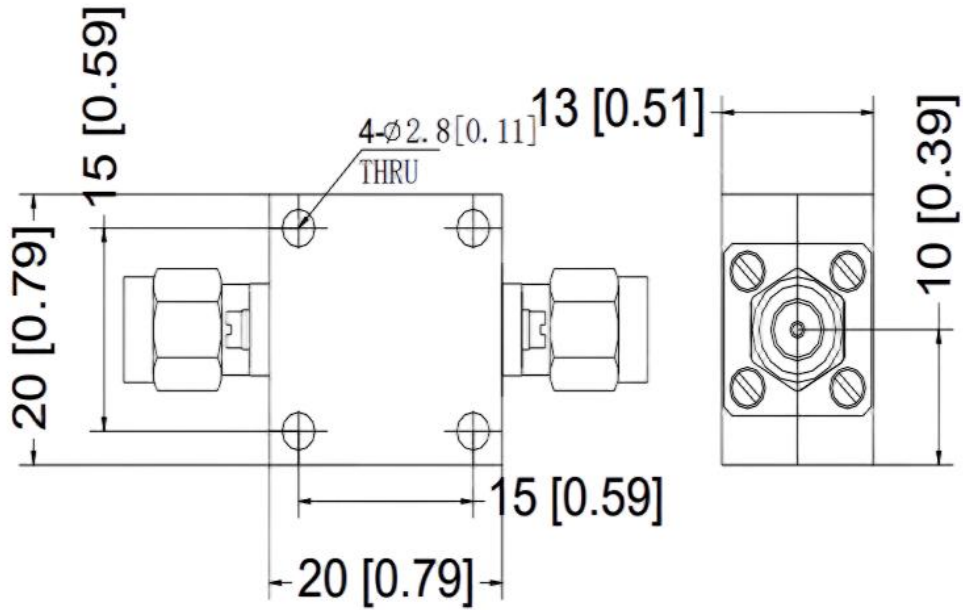
Parameter	Min	Typ	Max	Units
Passband Frequency range	4		40	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.6	dB
VSWR			2.0	:1
Rejection@DC-2GHz	30			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	1.85mm Male	
Size	13*20*20	mm

Outline Drawing:

Unit:mm

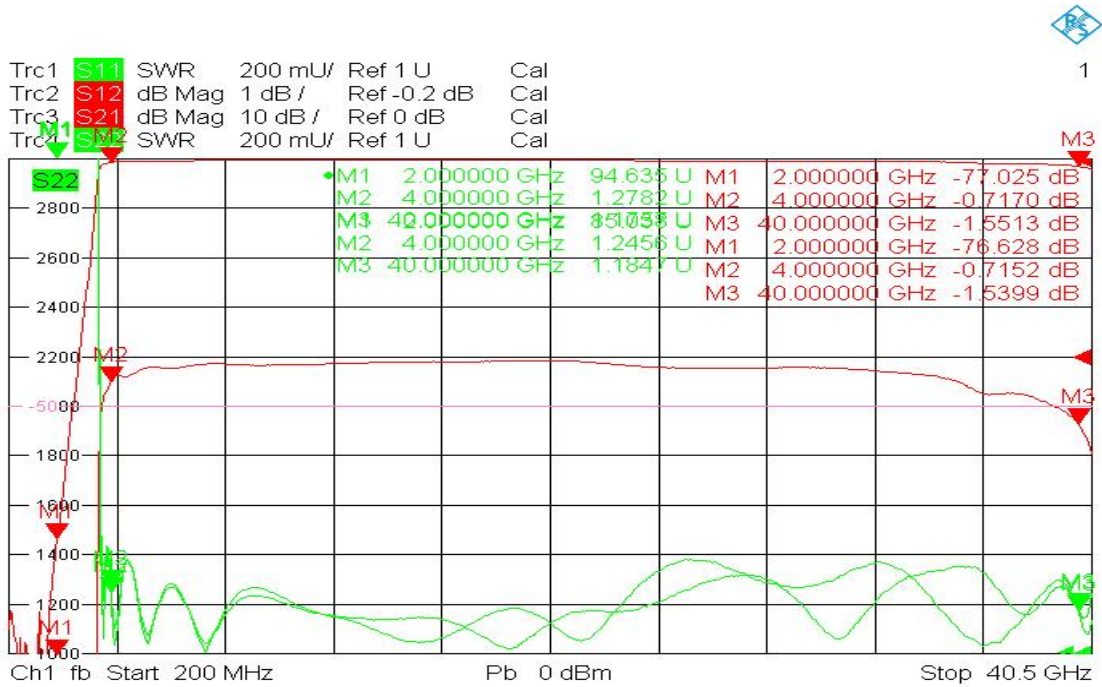


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-4G-40G-X-1.85M	Coaxial High-pass Filter, Passband frequency range: 4-40GHz, Passband Insertion Loss: 1.8dB, 1.85mm Male 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.