

Coaxial High-pass Filter

1-18 GHz/SMA Female

Model: TLHF-1G-18G-X

TLHF-1G-18G-X is a coaxial High-pass filter with a passband frequency from 1 to 18 GHz and a rejection frequency from DC to 0.8 GHz. The maximum insertion loss is 1.5 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range 1 to 18GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

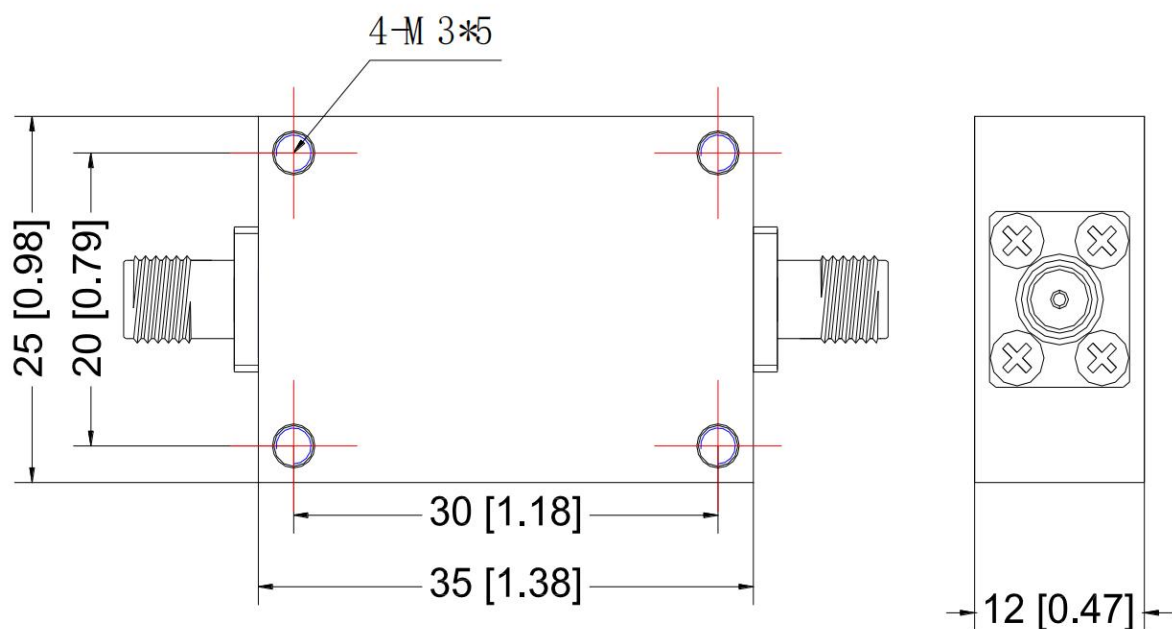
Parameter	Min	Typ	Max	Units
Passband Frequency range	1		18	GHz
Pass Band Insertion Loss			1.5	dB
Pass band Ripple			1.2	dB
Power Handling			10	W
VSWR			1.8	:1
Rejection	>45dB@dc-0.8Ghz			
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +85	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm

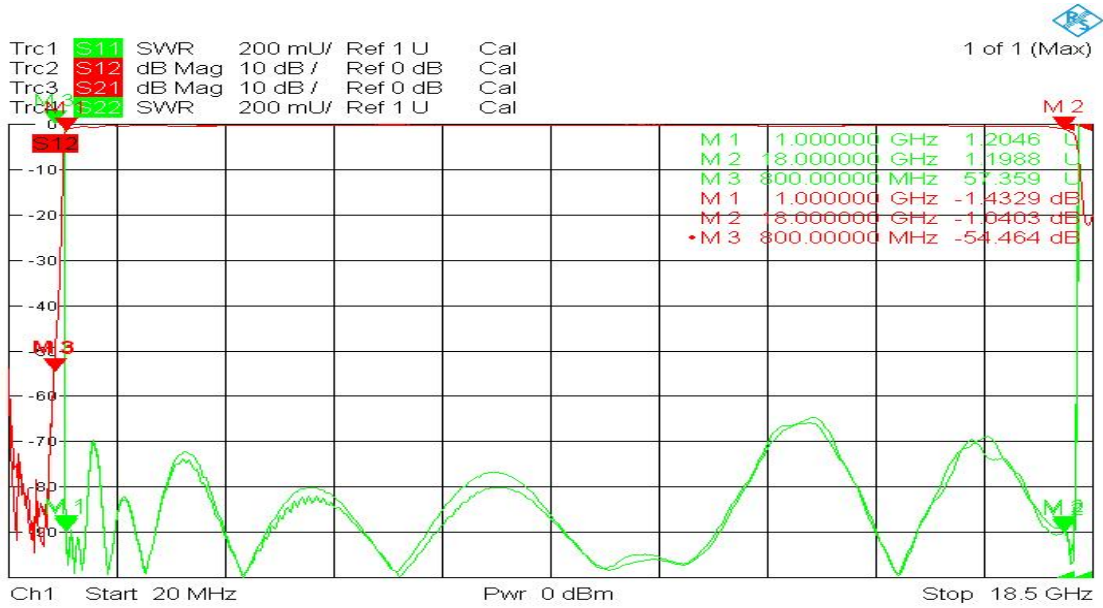


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-1G-18G-X	Coaxial High-pass Filter,Passband frequency range:1-18GHz,Passband Insertion Loss:1.5dB, SMA Female	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.