

Coaxial High-pass Filter

3-8.5 GHz/SMA Female

Model: TLHF-3G-8G5-X

TLHF-3G-8G5-X is a coaxial High-pass filter with a passband frequency from 3 to 8.5 GHz and a rejection frequency from DC to 2.7 GHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 3 to 8.5GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

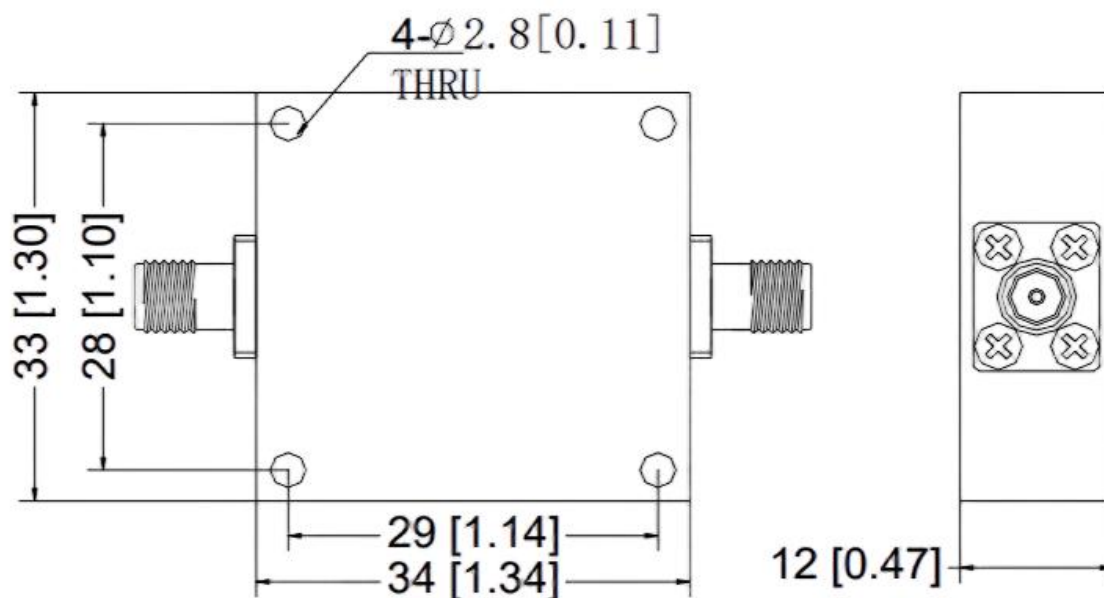
Parameter	Min	Typ	Max	Units
Passband Frequency range	3		8.5	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
VSWR			1.6	:1
Rejection@DC-2.7GHz	50			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	12*33*34	mm

Outline Drawing:

Unit:mm

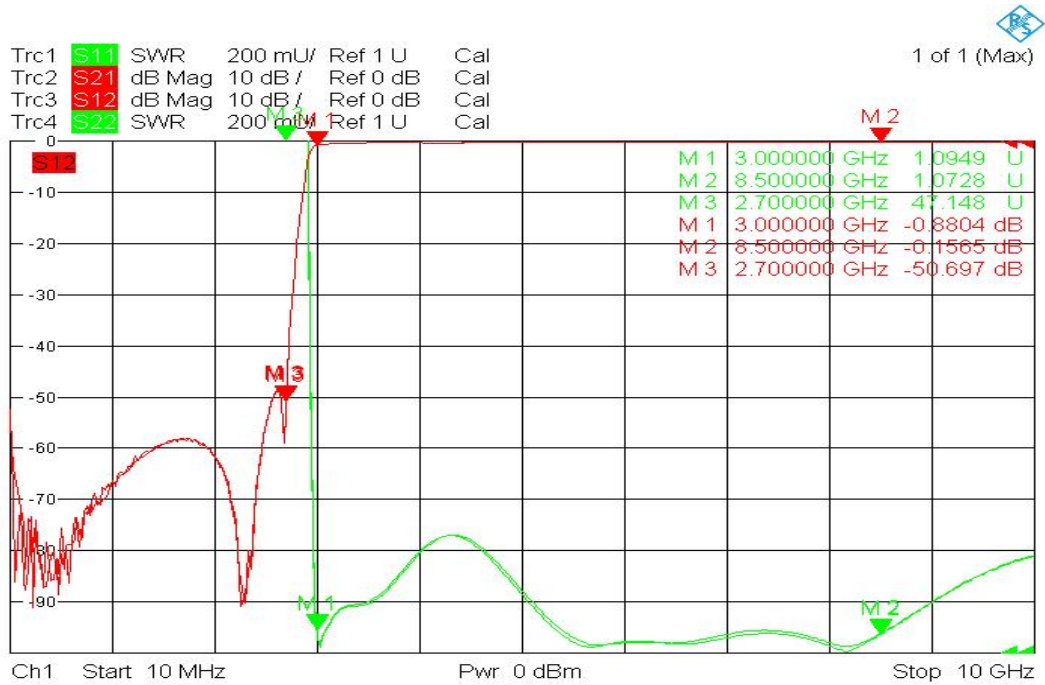


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLHF-3G-8G5-X	Coaxial High-pass Filter, Passband frequency range: 3-8.5GHz, Passband Insertion Loss: 2.0dB, SMA 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.