

Coaxial High-pass Filter

2.5-4.2 GHz/SMA Female

Model: TLHF-2G5-4G2-X

TLHF-2G5-4G2-X is a coaxial High-pass filter with a passband frequency from 2.5 to 4.2 GHz and a rejection frequency from DC to 2.2 GHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 30 dB.

Features:

- Passband Frequency Range 2.5 to 4.2GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

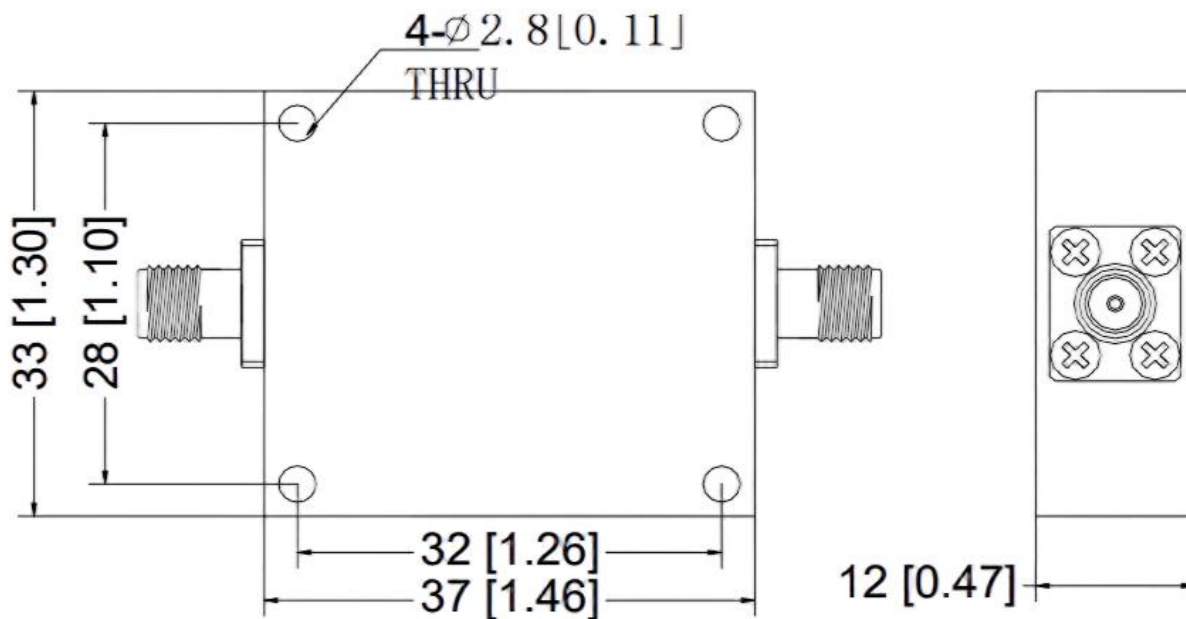
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.5		4.2	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.5	:1
Rejection@DC-2.2GHz	30			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	12*33*37	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLHF-2G5-4G2-X	Coaxial High-pass Filter, Passband frequency range: 2.5-4.2GHz, Passband Insertion Loss: 1.0dB, SMA Female Coaxial Fixed Termination	Rev.1.1