Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial High-pass Filter

2.5-7 GHz/SMA Female

Model: TLHF-2G5-7G-X

TLHF-2G5-7G-X is a coaxial High-pass filter with a passband frequency from 2.5 to 7 GHz and a rejection frequency from DC to 2.2 GHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 25 dB.

Features:

- Passband Frequency Range 2.5 to 7GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2.5		7	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			0.8	dB
VSWR			1.8	:1
Rejection@DC-2.2GHz	25			dB
Power Handling			10	W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

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

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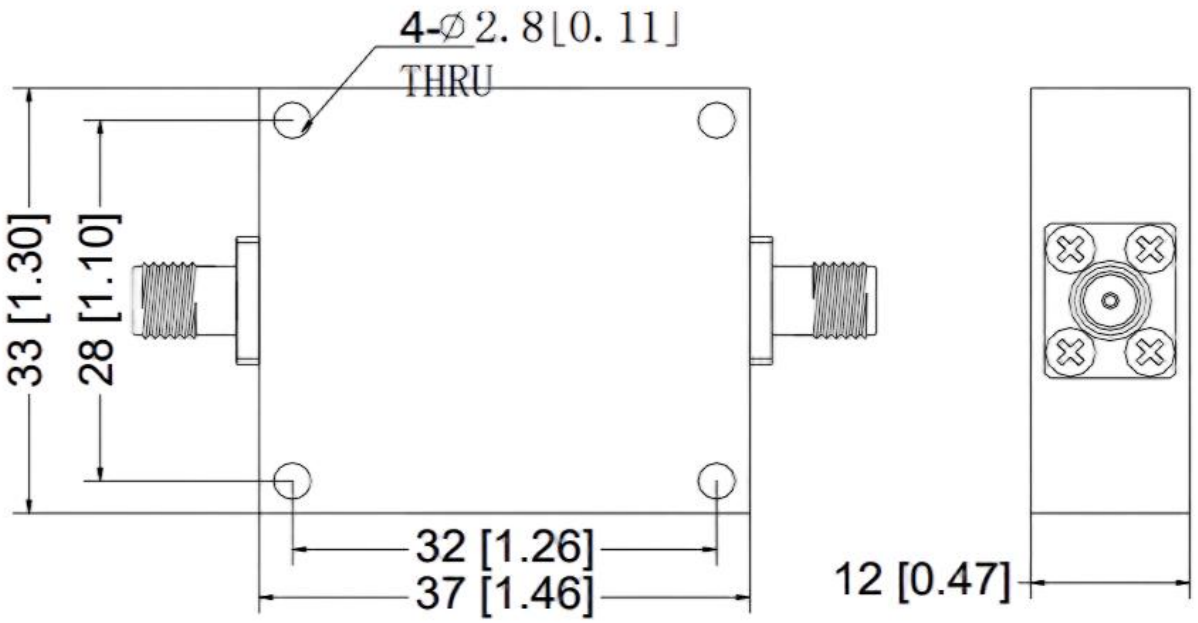
Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLHF-2G5-7G-X	Coaxial High-pass Filter,Passband frequency range:2.5-7GHz,Passband Insertion Loss:1.2dB, SMA Female Coaxial Fixed Termination	Rev.1.1

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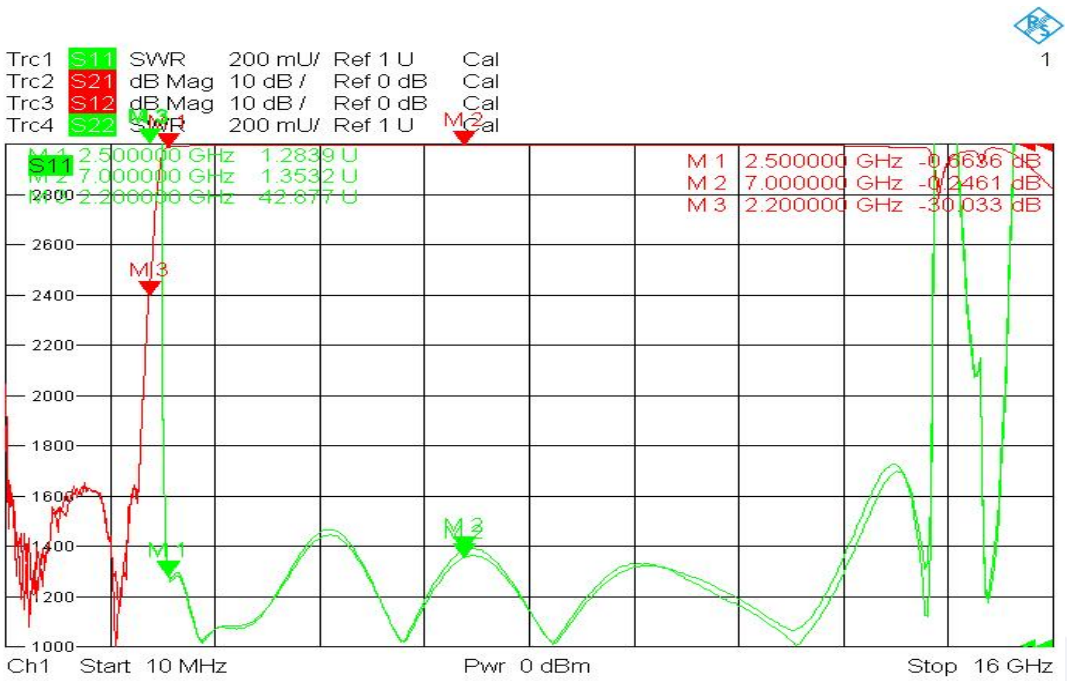
Typical Performance Data:



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.