

Coaxial High-pass Filter

3.5-18 GHz/SMA Female

Model: TLHF-3G5-18G-S

TLHF-3G5-18G-S is a coaxial High-pass filter with a passband frequency from 3.5 to 18 GHz and a rejection frequency from DC to 2.87 GHz. The maximum insertion loss is 1.4 dB and the minimum rejection is 80 dB.

Features:

- Passband Frequency Range 3.5 to 18GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

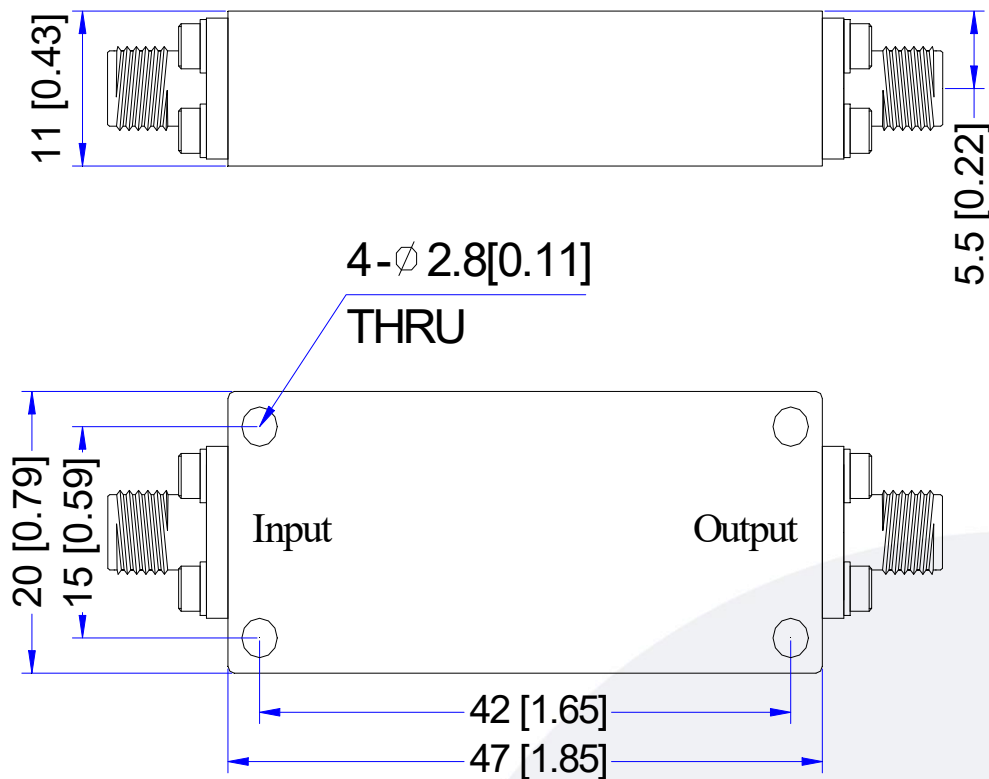
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.5		18	GHz
Pass Band Insertion Loss		1.0	1.4	dB
Power Handling		10		W
VSWR			1.67	:1
Rejection @DC-2.87GHz	80			dB
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +85	°C
Storage Temperature	-45 to +90	°C
Material	Aluminum/Black Color	
Package Sealing	General Sealing (Standard)	
Connectors	SMA Female	

Outline Drawing:

Unit:mm; Tolerance:±0.25mm(0.01)



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

Ordering Information:

Base Number	Description	Revision
TLHF-3G5-18G-S	Coaxial High-pass Filter, Passband frequency range: 3.5-18GHz, Passband Insertion Loss: 1.4dB, SMA Female Coaxial Fixed Termination	Rev.1.1