

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

电气特性 Electrical Characteristics:

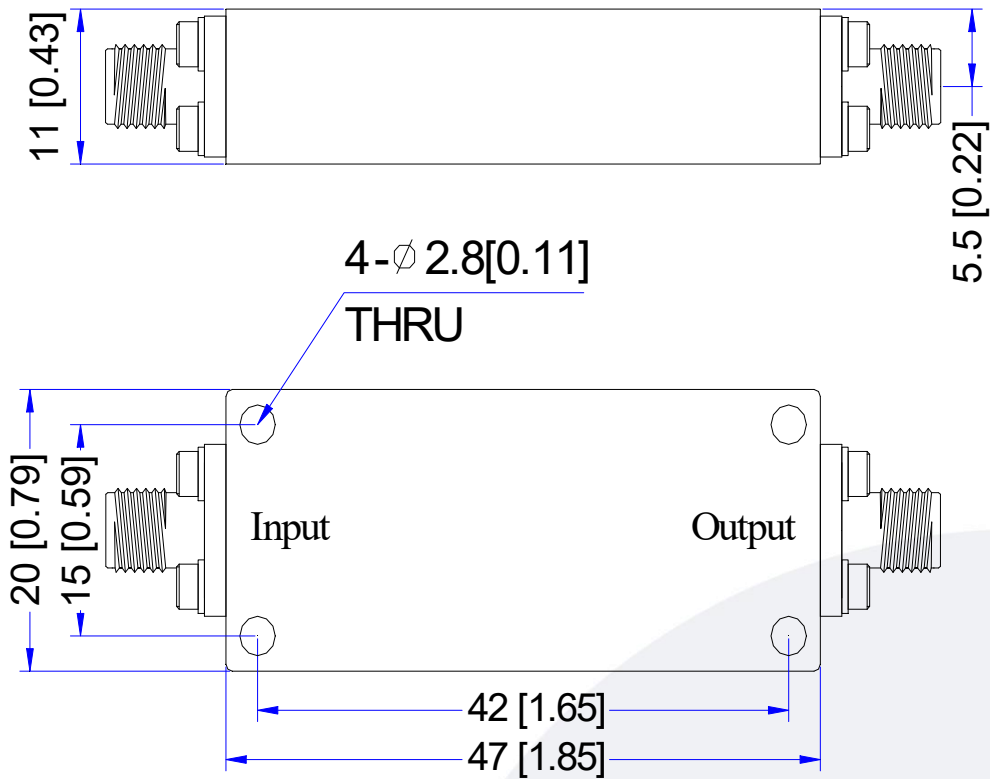
参数 Parameter	Min	Typ	Max	单位 Units
带通频率范围 Passband Frequency range	3.5		18	GHz
带通插损 Pass Band Insertion Loss		1.0	1.4	dB
耐受功率 Power Handling		10		W
驻波 VSWR			1.67	:1
带外抑制 Rejection @DC-2.87GHz	80			dB
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +85	°C
存储温度 Storage Temperature	-45 to +90	°C
材质 Material	Aluminum/Black Color	
封装 Package Sealing	General Sealing (Standard)	
接口 Connectors	SMA Female	

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.25mm(0.01)



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 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