

Coaxial Low-pass Filter

DC-10 KHz/SMA Female

Model: TLLF-DC-10KHz-S

TLLF-DC-10KHz-S is a coaxial low-pass filter with a passband frequency from DC to 10 KHz and a rejection frequency from 20 to 1000 KHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range DC to 10KHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

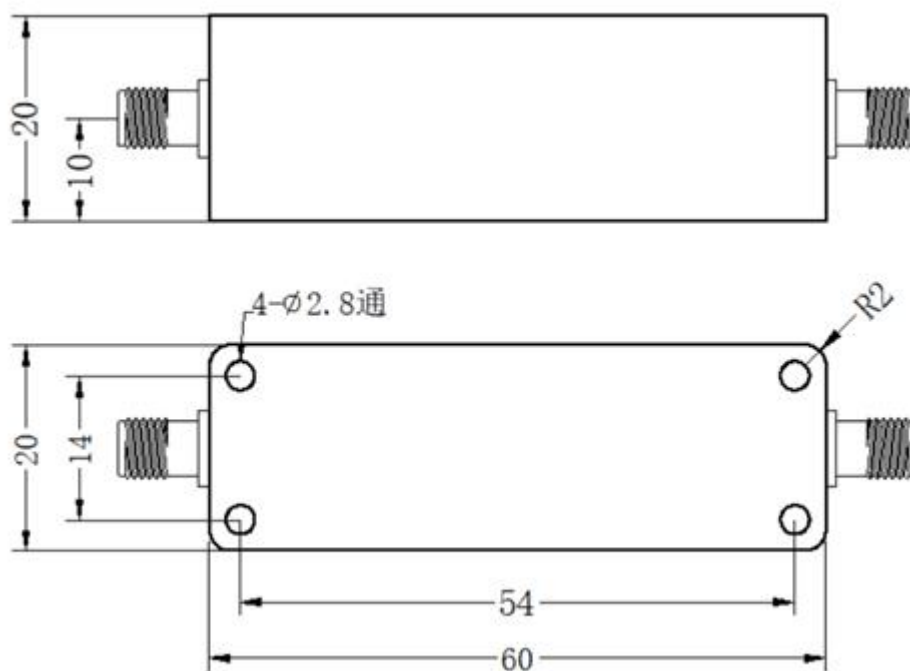
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	DC		10	KHz
通带插损 Passband Insertion Loss			3	dB
带外抑制 Rejection@20-1000KHz	40			dB
耐受功率 Power Handling		1		W
输入驻波 Input VSWR			1.8	:1
输出驻波 Output VSWR			1.8	:1
阻抗 Impedance	50			Ohms

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 +70	°C
存储温度 Storage Temperature	-55 to +85	°C
材质 Material	Silver Plating	
接口 Connectors	SMA Female	
尺寸 Size	60*20*20(±0.1mm)	mm

外形图 Outline Drawing:

Unit:mm



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
TLLF-DC-10KHz-S	Coaxial Low-pass Filter, Passband frequency range: DC-10KHz, Passband Insertion Loss: 3.0dB, SMA Female	Rev.1.0

典型曲线 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.