泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Low-pass Filter

DC-18GHz/SMA Female

Model: TLLF-DC-18G-X

TLLF-DC-18G-X is a coaxial low-pass filter with a passband frequency from 0 to 18GHz and a rejection frequency from 20.7 to 23 GHz. The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range DC 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
通带频率范围 Passband Frequency range	DC		18	GHz
通带插损 Passband Insertion Loss			1.0	dB
带内纹波 Pass Band Ripple			0.8	dB
带外抑制 Rejection@20.7-23GHz	50			dB
耐受功率 Power Handling			15	W
输入驻波 Input VSWR			1.6	:1
输出驻波 Output VSWR			1.6	:1
阻抗 Impedance	50			Ohms

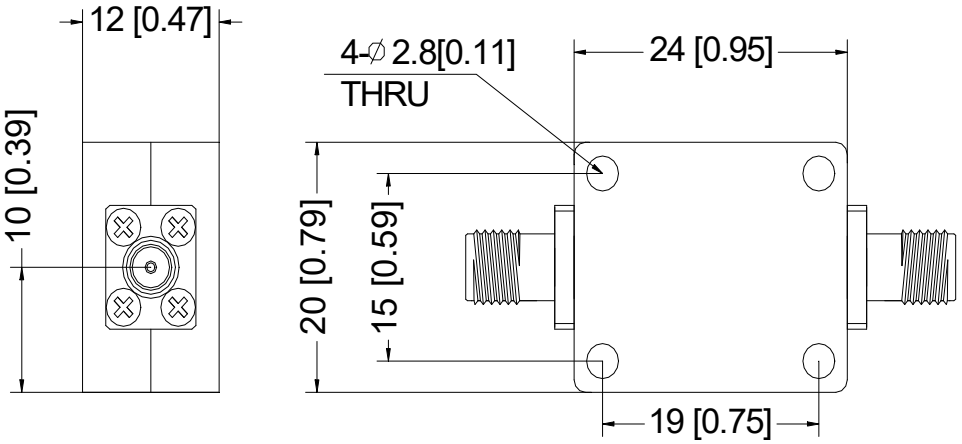
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
存储温度 Storage Temerature	-40 to +70	℃
接口 Connectors	SMA Female	

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外形图 Outline Drawing:

Unit:mm





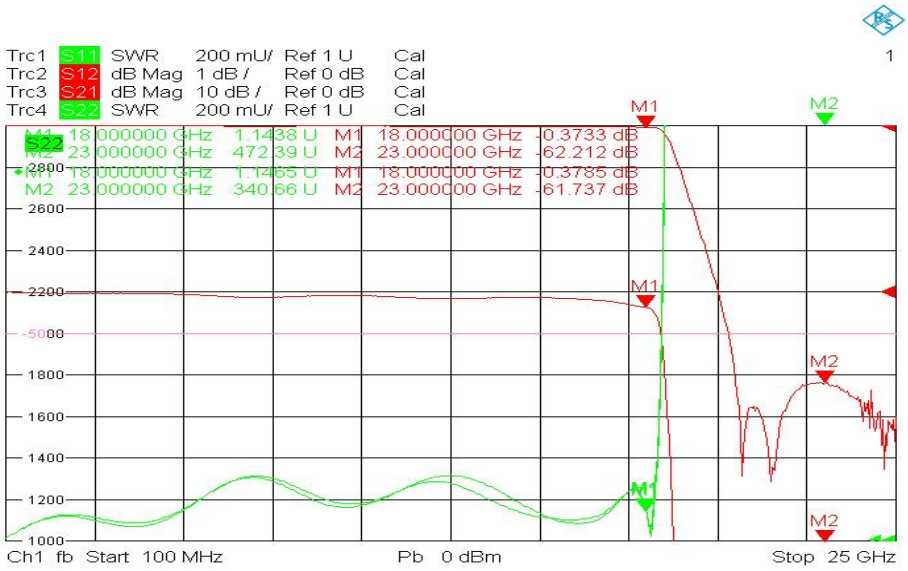
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-18G-X	Coaxial Low-pass Filter,Passband frequency range:DC-18GHz,Passband Insertion Loss:1.0dB, SMA Female	Rev.1.0

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典型曲线 Typical Performance Data:



Frequency(GHz)

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.