泰莱微波 Talent Microwave

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

Coaxial Low-pass Filter

DC-30GHz/2.92mm Female

Model: TLLF-DC-30G-X

TLLF-DC-30G-X is a coaxial low-pass filter with a passband frequency from 0 to 30GHz and a rejection frequencies are 30dB@32-33GHz and 40dB@33GHz. The maximum insertion loss of the filter is 1.8 dB.

Features:

- Passband Frequency Range DC to 30GHz
- 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		30	GHz
通带插损 Passband Insertion Loss				1.8	dB
带内纹波 Pass Band Ripple				1.6	dB
带外抑制 Rejection	@32-33GHz	30			dB
	@33GHz	40			dB
耐受功率 Power Handling				15	W
驻波 VSWR				1.8	:1
阻抗 Impedance		50			Ohms

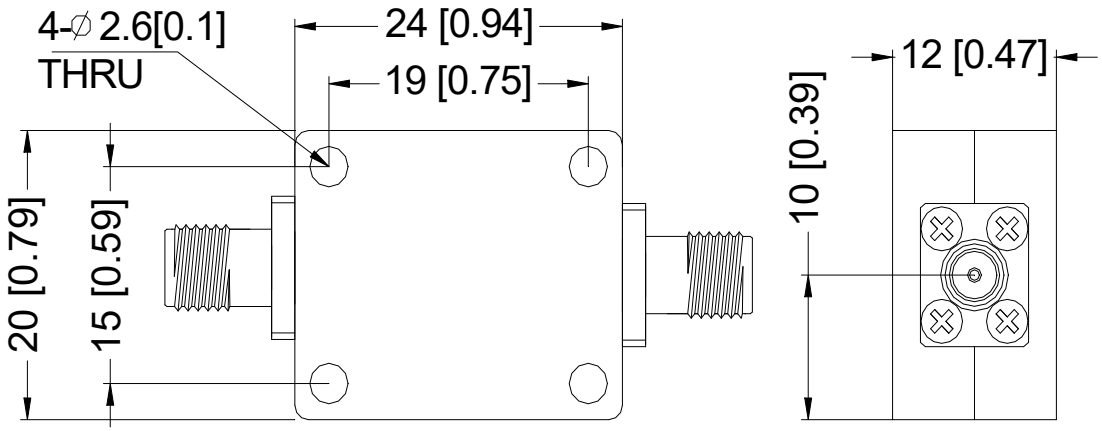
环境和机械特性 Envrionmental And Physical Characteristics:

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	2.92mm Female	

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外形图 Outline Drawing:

Unit:mm



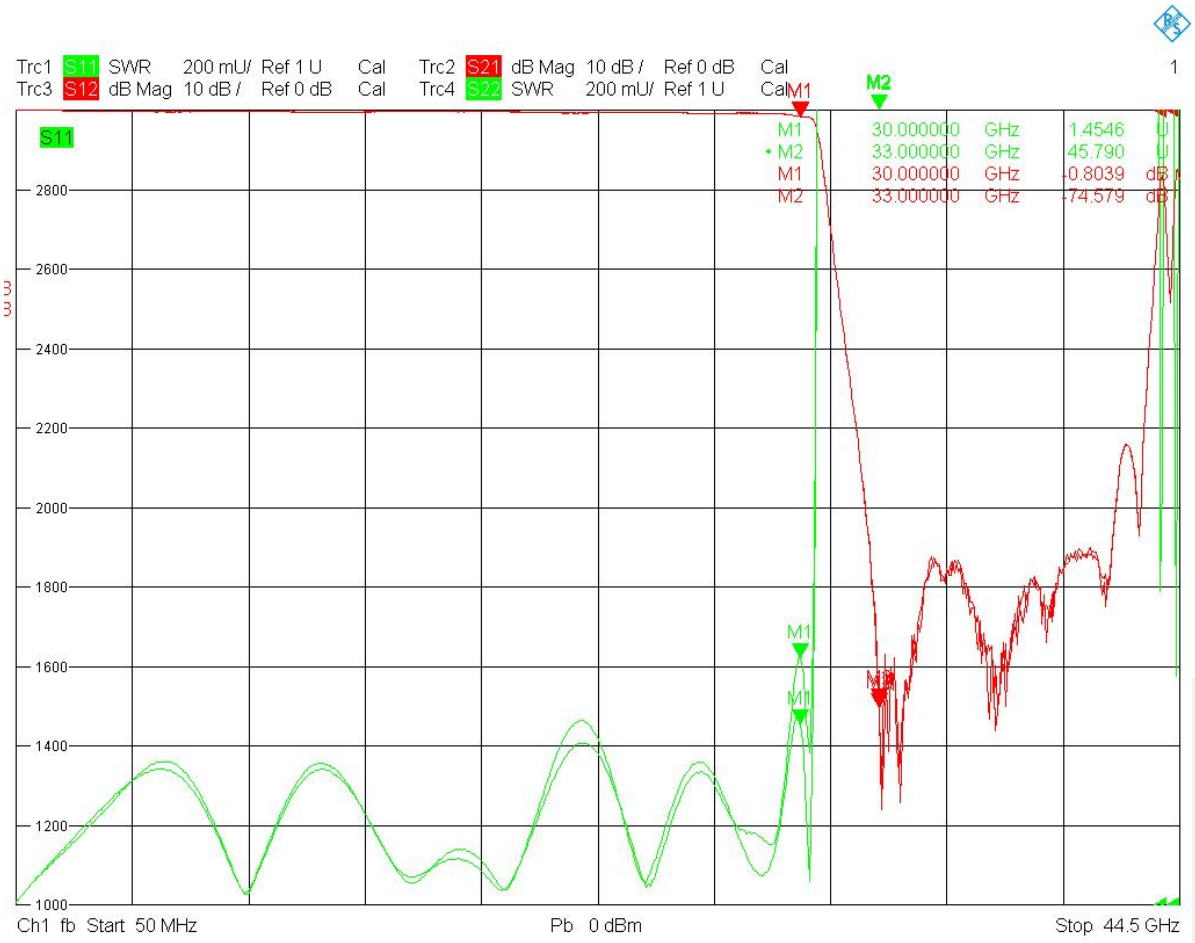
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-30G-X	Coaxial Low-pass Filter,Passband frequency range:DC-30GHz,Passband Insertion Loss:1.8dB, 2.92mm Female	Rev.1.0

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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.