泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Low-pass Filter

DC-3 GHz/SMA Female/SMA Male

Model: TLLF-DC-3G-X2

TLLF-DC-3G-X2 is a coaxial low-pass filter with a passband frequency from DC to 3 GHz and a rejection frequency from 3.45 GHz to 8 GHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range DC to 3GHz
- 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		3	GHz
通带插损 Passband Insertion Loss			1.2	dB
带内波动 Pass band Ripple			1.0	dB
带外抑制 Rejection	>50dB@3.45-8GHz			
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	℃
接口 Connectors	SMA Female/SMA Male	
尺寸Size	48*32*12	mm

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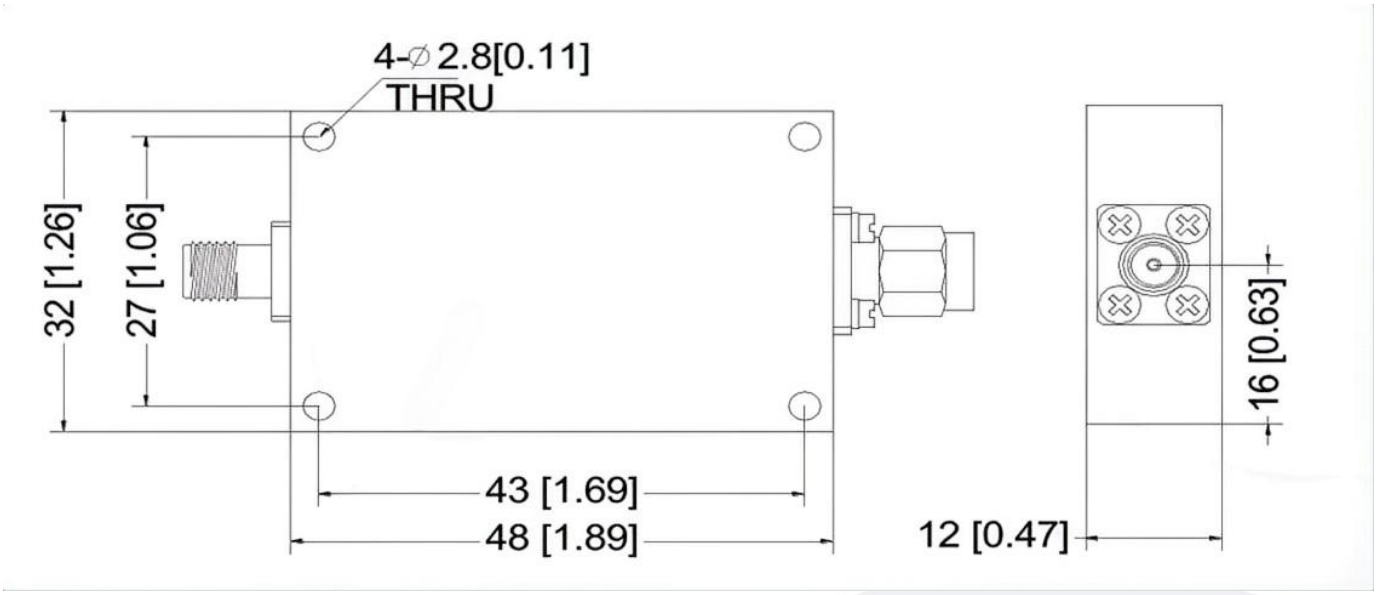
外形图 Outline Drawing:

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-3G-X2	Coaxial Low-pass Filter,Passband frequency range:DC-3GHz,Passband Insertion Loss:1.2dB, SMA Female/SMA Male	Rev.1.0

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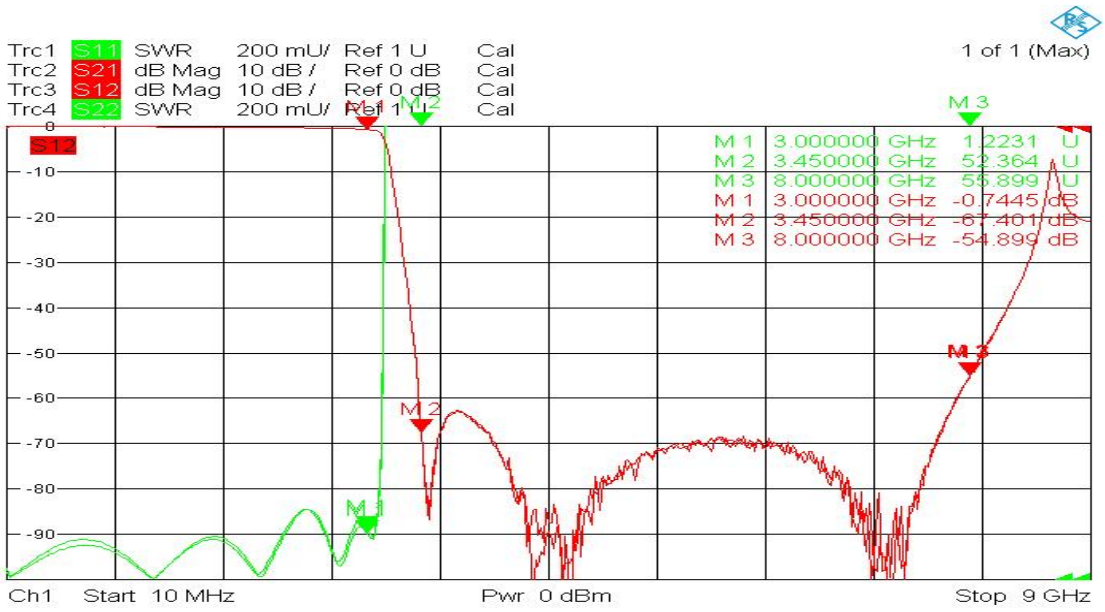
典型曲线 Typical Performance Data:



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.