泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

23.5-24.5 GHz/SMA Female

Model: TLBF-24G-1G-E

TLBF-24G-1G-E is a coaxial band-pass filter with a passband frequency from 23.5 to 24.5 GHz and a rejection frequencies @22 GHz and 26 GHz. The maximum insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 23.5 to 24.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	23.5		24.5	GHz
带宽 Band Width			1	GHz
通带插损 Passband Insertion Loss			1.8	dB
带内波动 Pass Band Ripple			1.6	dB
带外抑制 Rejection		>40dB@22Ghz @26Ghz		dB
耐受功率 Power Handling			20	W
驻波 VSWR			1.5	:1
阻抗 Impedance		50		Ohms

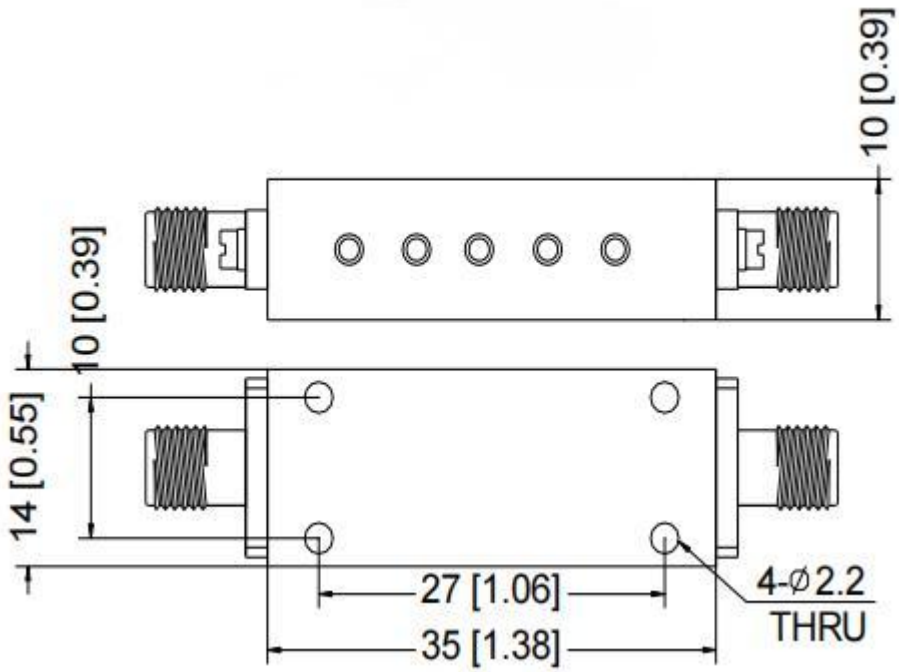
环境和机械特性 Envrionmental And Physical Characteristics:

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

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外形图 Outline Drawing:

Unit:mm



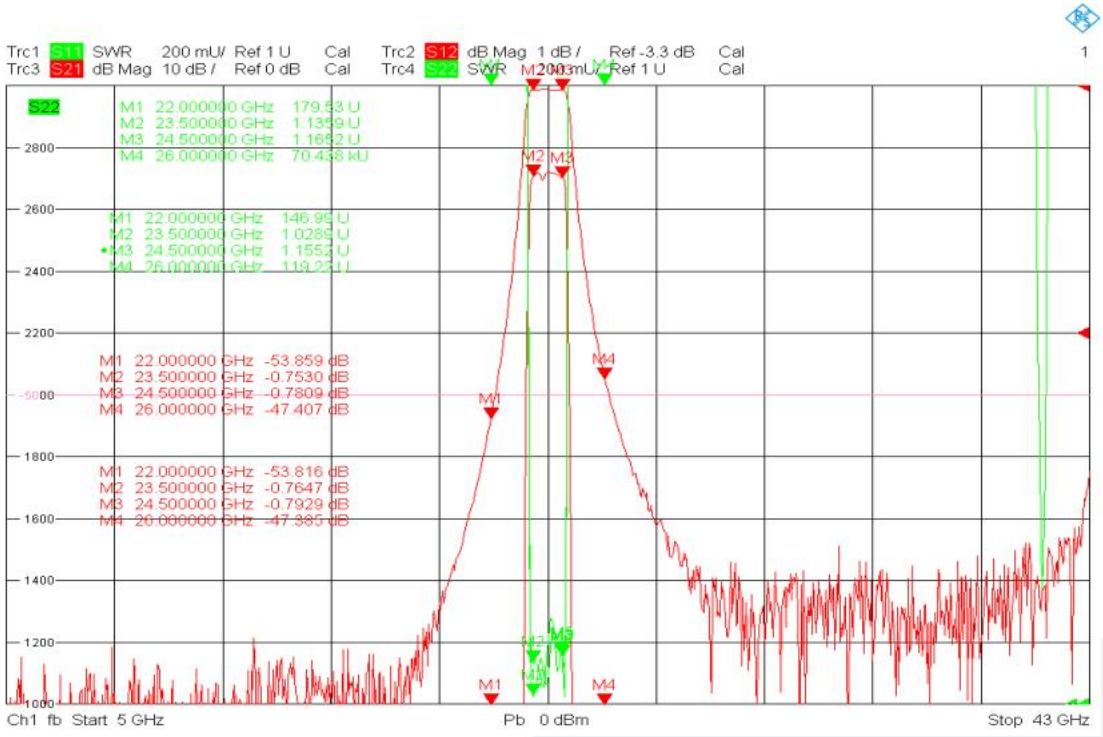
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-24G-1G-E	Coaxial Band-pass Filter,Passband frequency range:23.5-24.5GHz,Passband Insertion Loss:1.8dB, SMA 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.