泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

Center Frequency 300 MHz/SMA Female Model: TLBF-300M-15M-L

TLBF-300M-15M-L is a coaxial band-pass filter with a passband center frequency at 300 MHz and a rejection frequencies at fc±50MHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 300 MHz
- 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	292.5		307.5	MHz
带宽 Band Width			15	MHz
插损 Insertion Loss(f0)			3.0	dB
带内纹波 Pass Band Ripple			2.8	dB
驻波 VSWR			1.6	:1
带外抑制 Rejection@fc±50MHz	40			dB
耐受功率 Power Handling			2	W
阻抗 Impedance	50			Ohms

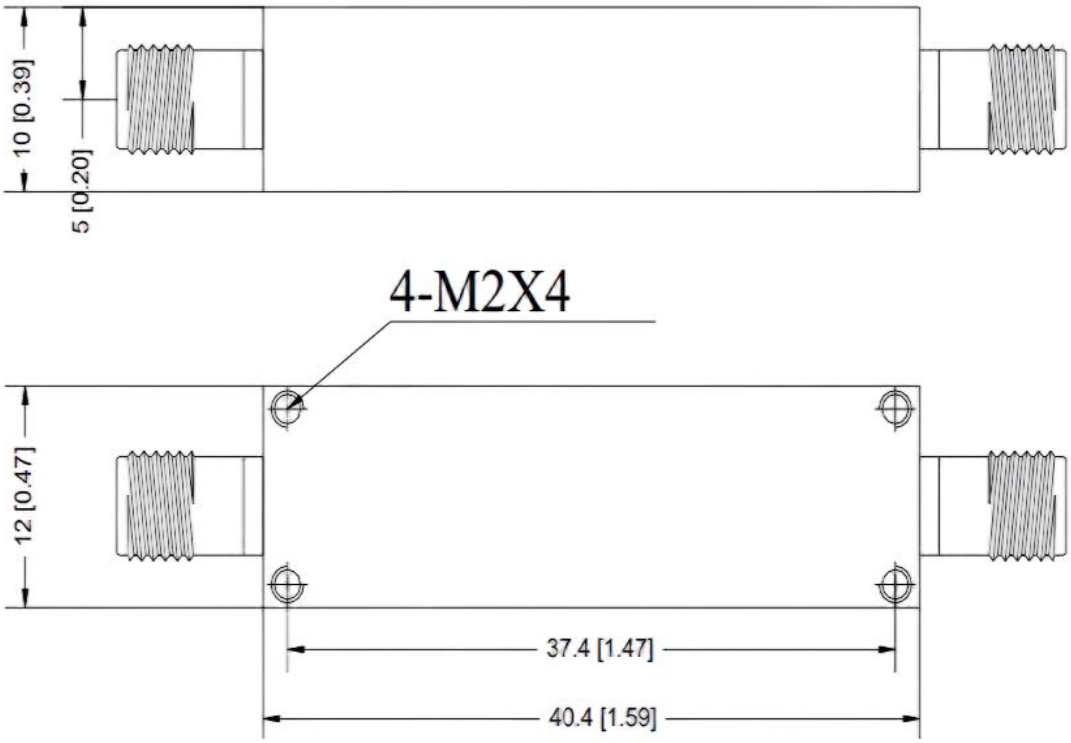
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
接口 Connectors	SMA Female	
尺寸 Size	10*12*40.4	mm

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外形图 Outline Drawing:

Unit:mm



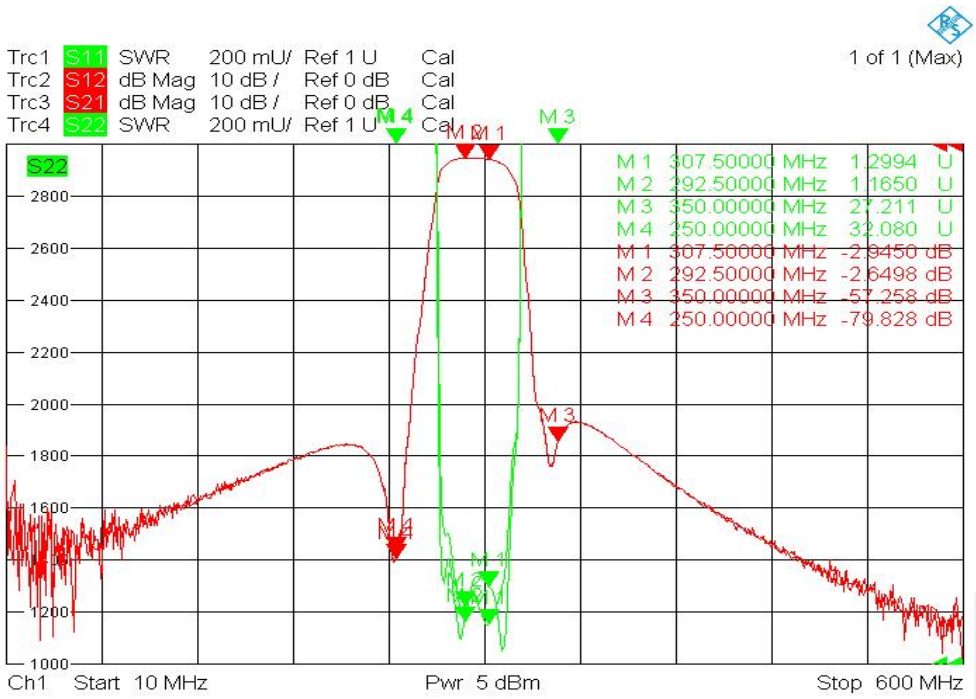
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-300M-15M-L	Coaxial Band-pass Filter,Passband center frequency: 300MHz,Insertion Loss(f0):3.0dB, 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.