

Coaxial Band-pass Filter

2-30 MHz/SMA Female

Model: TLBF-2M-30M-L

TLBF-2M-30M-L is a coaxial band-pass filter with a passband frequency from 2 to 30 MHz and a rejection frequencies from DC to at 45 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 60 dB.

Features:

- Passband Frequency Range 2 to 30 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

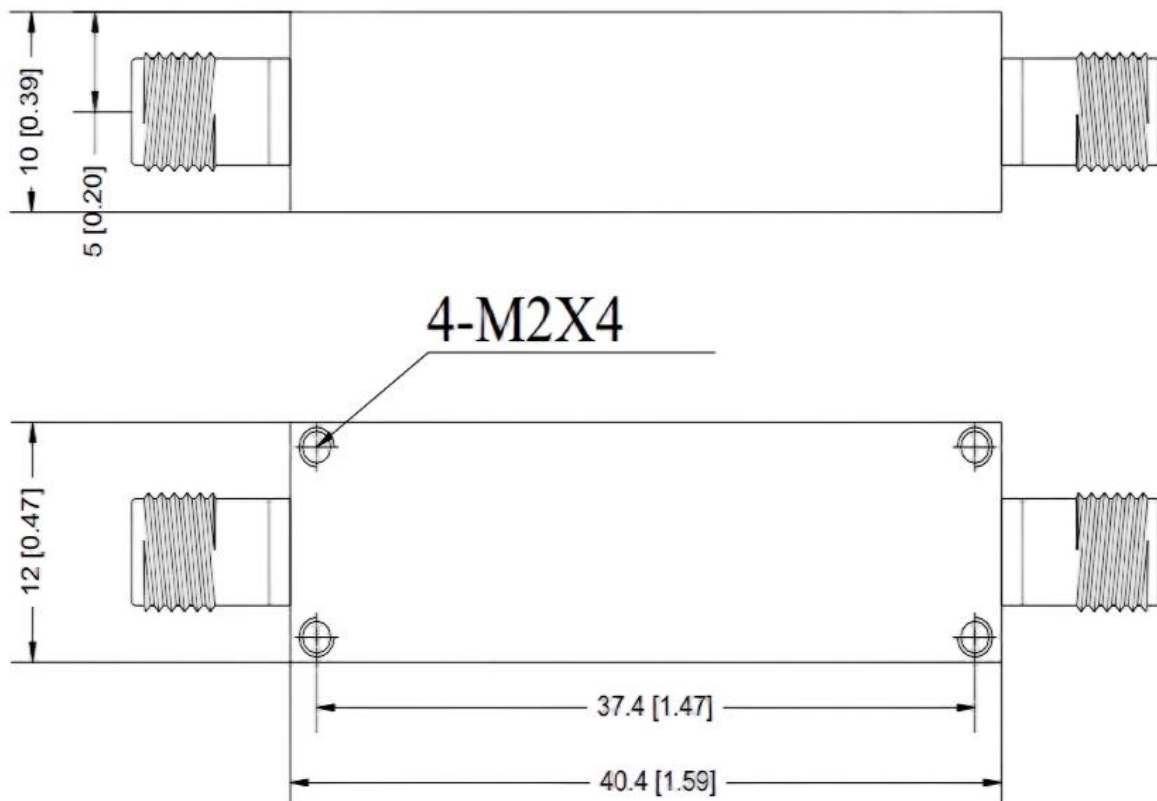
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	2		30	MHz
带宽 Band Width			28	MHz
通带插损 Passband Insertion Loss			2.0	dB
带内纹波 Pass Band Ripple			1.8	dB
驻波 VSWR			1.6	:1
带外抑制 Rejection@DC-45MHz	60			dB
耐受功率 Power Handling			2	W
阻抗 Impedance	30			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

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

外形图 Outline Drawing:

Unit:mm

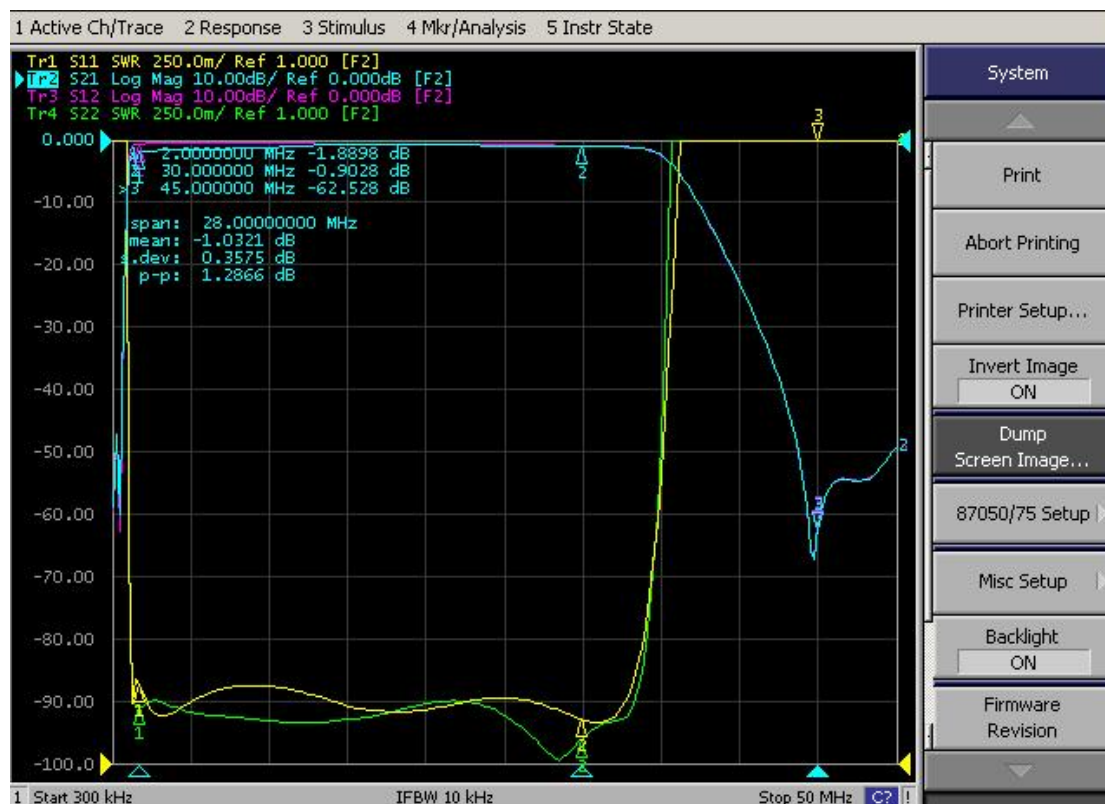


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-2M-30M-L	Coaxial Band-pass Filter, Passband frequency range: 2-30MHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0

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.