Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

2.11-2.17 GHz/SMA Female

Model: TLBF-2G14-60M-E

TLBF-2G14-60M-E is a coaxial band-pass filter with a passband frequency from 2.11 to 2.17 GHz and a rejection frequencies from at f0±120 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range 2.11 to 2.17 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	2.11		2.17	GHz
带宽 Band Width			60	MHz
通带插损 Passband Insertion Loss		0.8	1.0	dB
带内纹波 Pass Band Ripple			0.8	dB
驻波 VSWR			1.35	:1
带外抑制 Rejection@f0±120MHz	45			dB
二.三次谐波 2nd&3rd Harmonics(50Hz scan)	90		110	dB
耐受功率 Power Handling			15	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	22*24*85	mm

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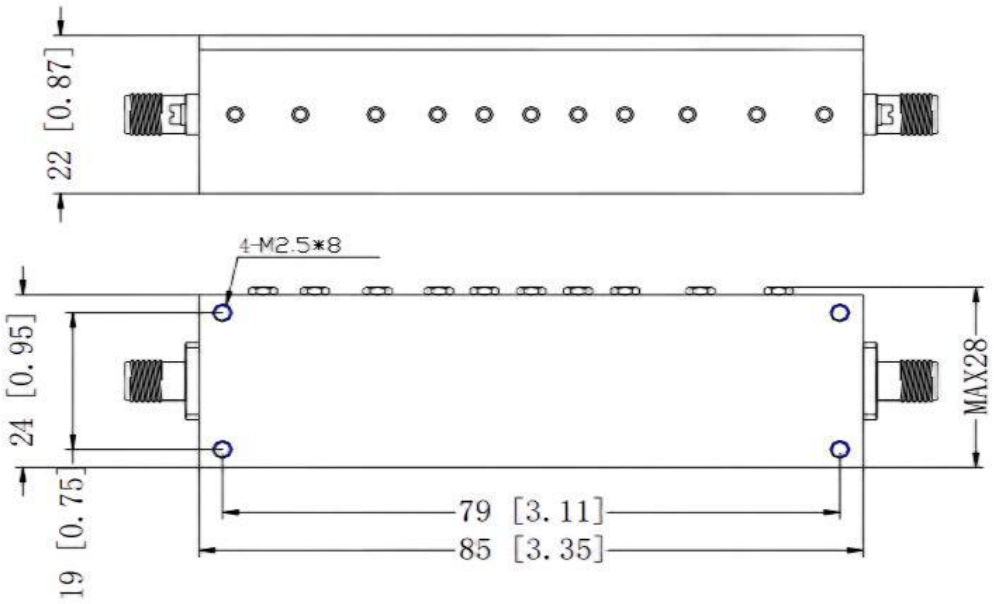
外形图 Outline Drawing:

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-2G14-60M-E	Coaxial Band-pass Filter,Passband frequency range:2.11-2.17GHz,Passband Insertion Loss:1.0dB, SMA Female	Rev.1.0

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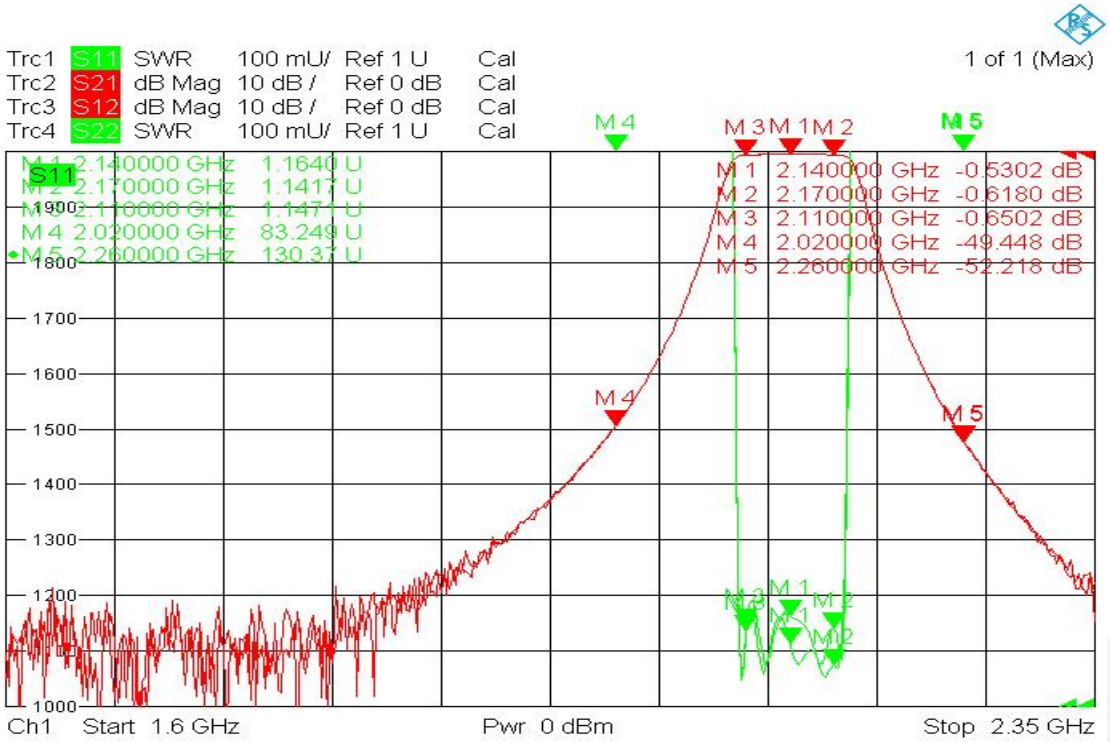
典型曲线 Typical Performance Data:



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.