

Coaxial Band-pass Filter

1-2 GHz/SMA Female

Model: TLBF-1G-2G-X

TLBF-1G-2G-X is a coaxial band-pass filter with a passband frequency from 1 to 2 GHz and a rejection frequencies from DC to 0.7 GHz and from 2.3 to 4 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 1 to 2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

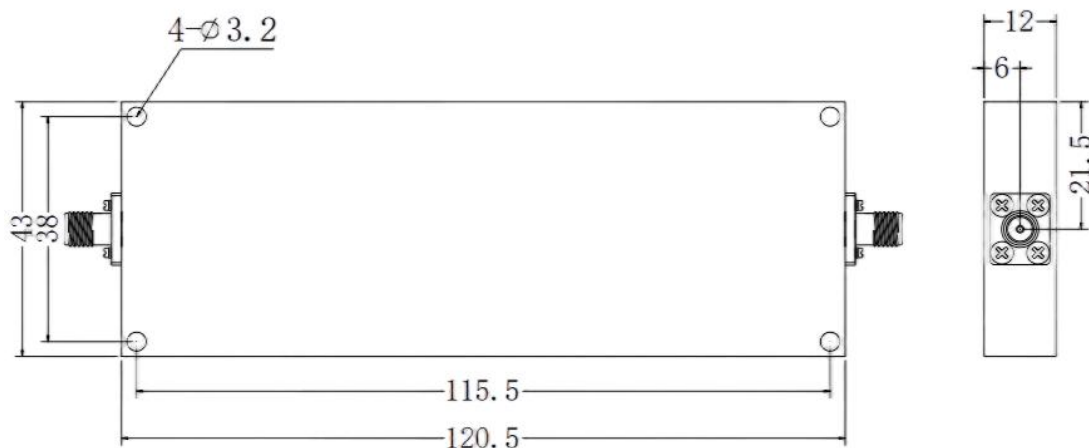
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1		2	GHz
通带插损 Passband Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple			1.0	dB
驻波 VSWR			1.8	:1
带外抑制 Rejection@DC-0.7GHz&2.3-4GHz	50			dB
耐受功率 Power Handling			15	W
阻抗 Impedance	50			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 Temperature	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	12*43*120.5	mm

外形图 Outline Drawing: Unit:mm

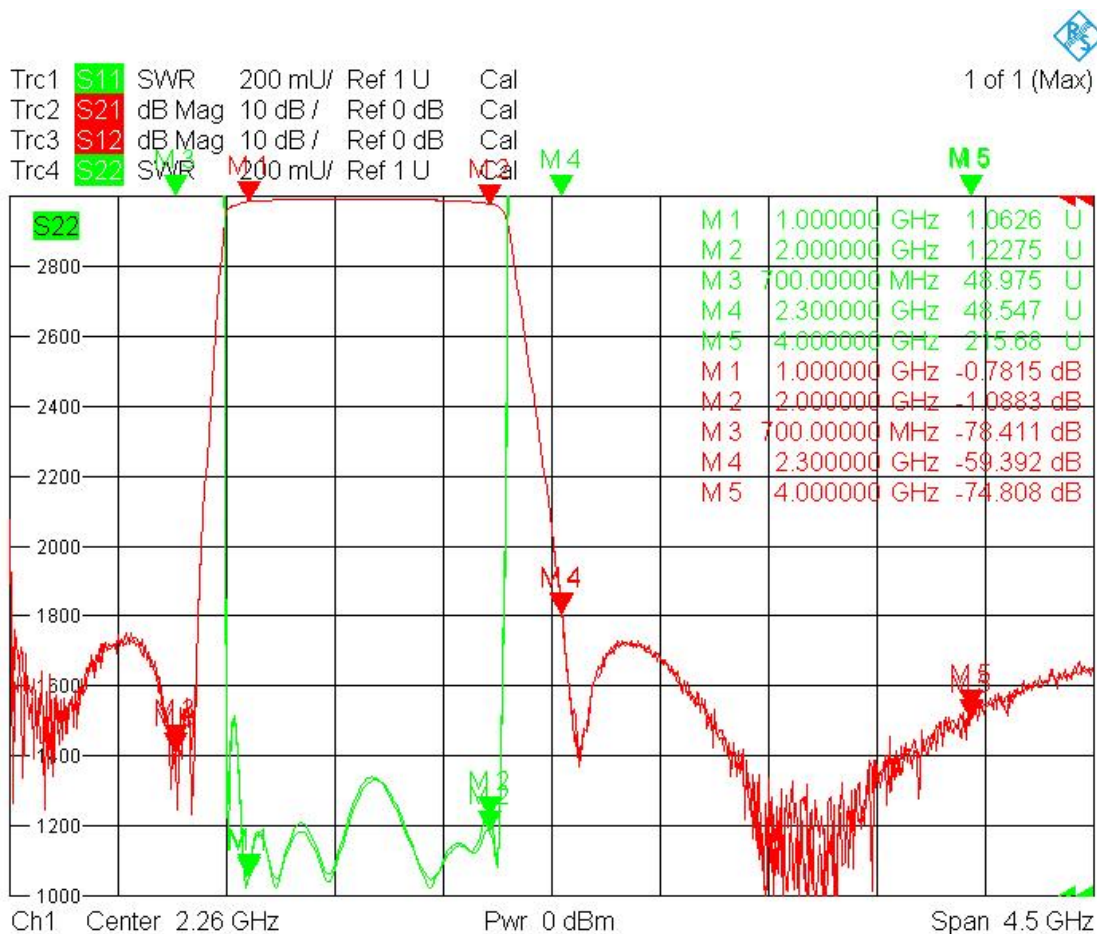


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-1G-2G-X	Coaxial Band-pass Filter, Passband frequency range: 1-2GHz, Passband Insertion Loss: 1.5dB, 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.