

Coaxial Band-pass Filter

1.1-2.35 GHz/SMA Female&Male

Model: TLBF-1G1-2G35-XG

TLBF-1G1-2G35-XG is a coaxial band-pass filter with a passband frequency from 1.1 to 2.35 GHz and a rejection frequencies from DC to 0.7 GHz and from 2.8 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 1.1 to 2.35 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

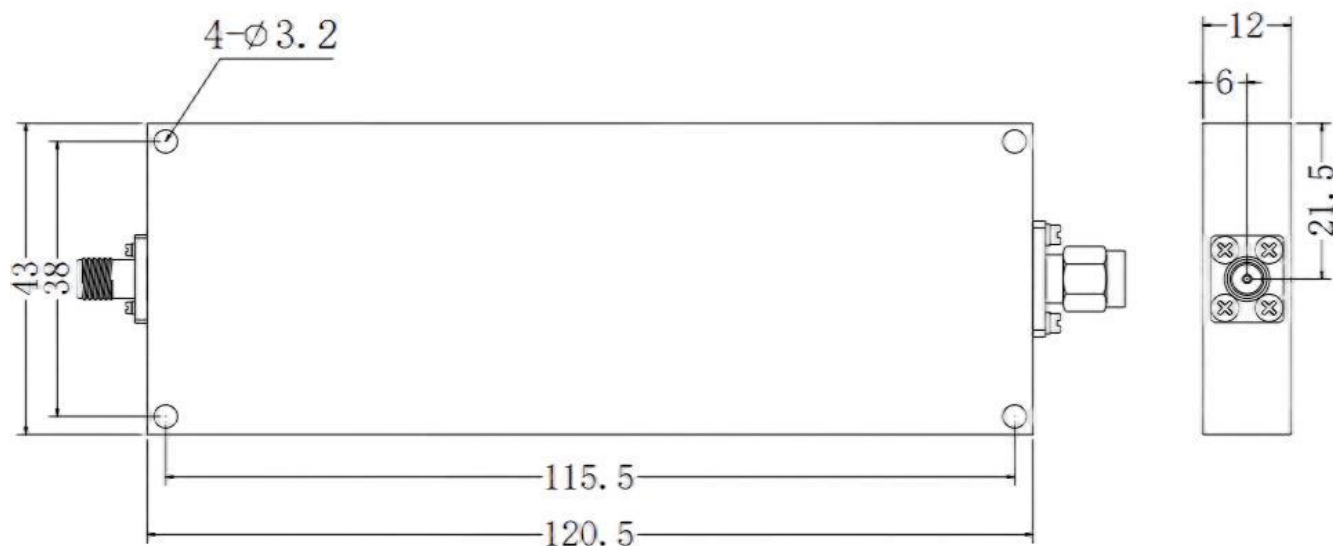
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1.1		2.35	GHz
通带插损 Passband Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple			1.0	dB
驻波 VSWR			1.8	:1
带外抑制 Rejection@DC-0.7GHz&2.8-4GHz	50			dB
耐受功率 Power Handling			15	W
阻抗 Impedance	50			Ohms

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	℃
接口 Connectors	SMA-Female/SMA-Male	
尺寸 Size	12*43*120.5	mm

外形图 Outline Drawing:

Unit:mm

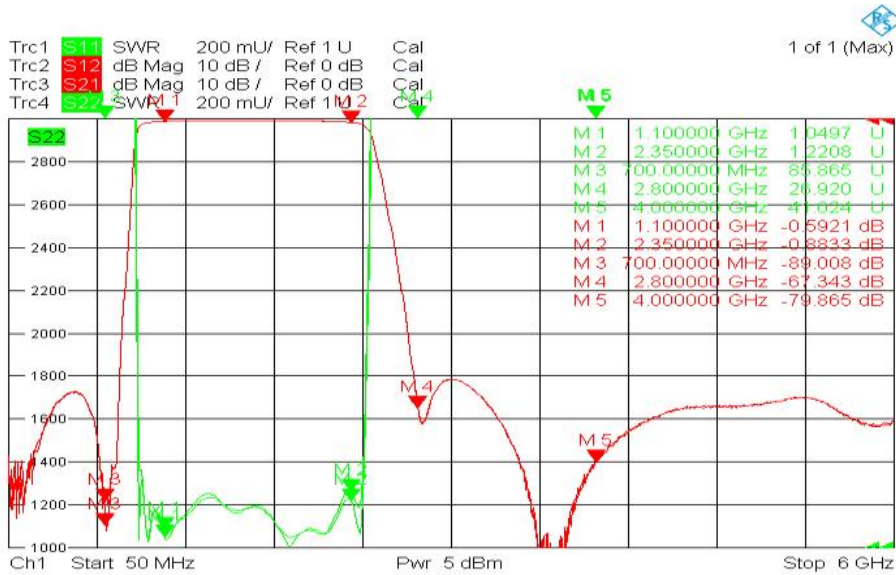


ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-1G1-2G35-XG	Coaxial Band-pass Filter, Passband frequency range: 1.1-2.35GHz, Passband Insertion Loss: 1.5dB, SMA Female/SMA Male	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.