

Coaxial Band-pass Filter

1-1.4 GHz/SMA Female

Model: TLBF-1G-1G4-L

TLBF-1G-1G4-L is a coaxial band-pass filter with a passband frequency from 1 to 1.4 GHz and a rejection frequencies from at $f_c \pm 300$ MHz. The maximum insertion loss of the filter is 1.6 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1 to 1.4 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

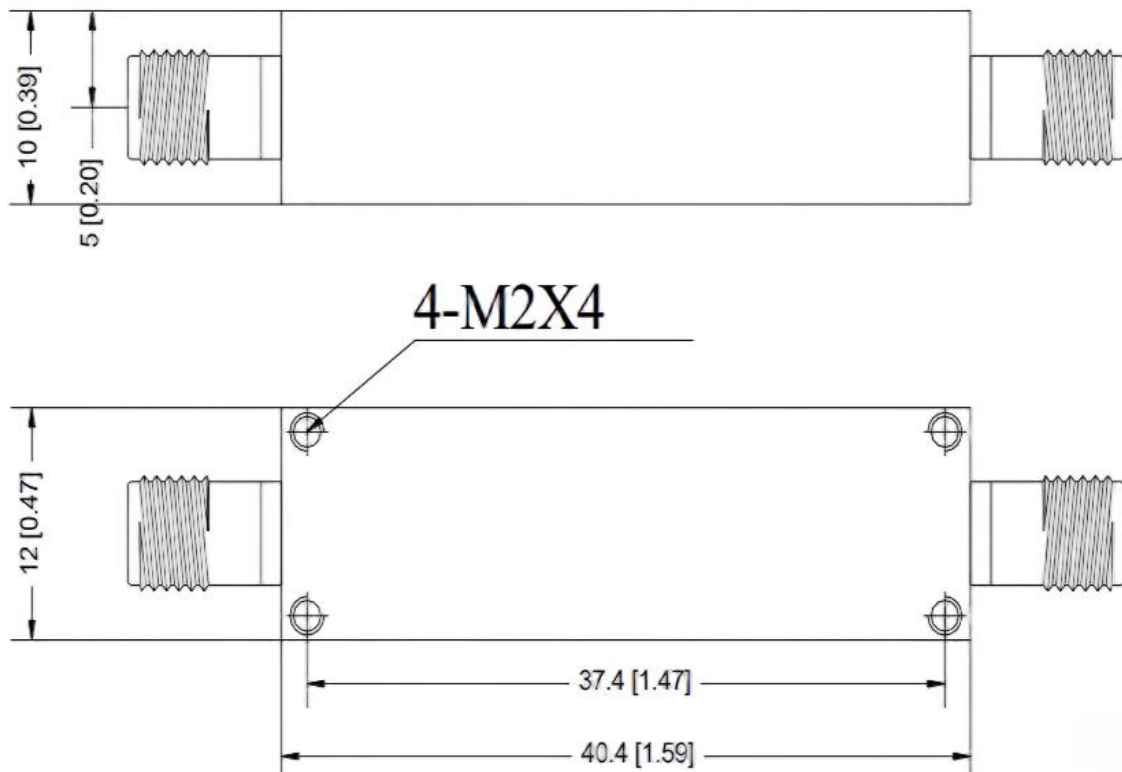
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1		1.4	GHz
带宽 Band Width			400	MHz
插损 Insertion Loss(f_0)			1.6	dB
带内纹波 Pass Band Ripple			1.5	dB
驻波 VSWR			1.6	:1
带外抑制 Rejection@ $f_c \pm 300$ MHz	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	°C
接口 Connectors	SMA Female	
尺寸 Size	10*12*40.4	mm

外形图 Outline Drawing: Unit:mm

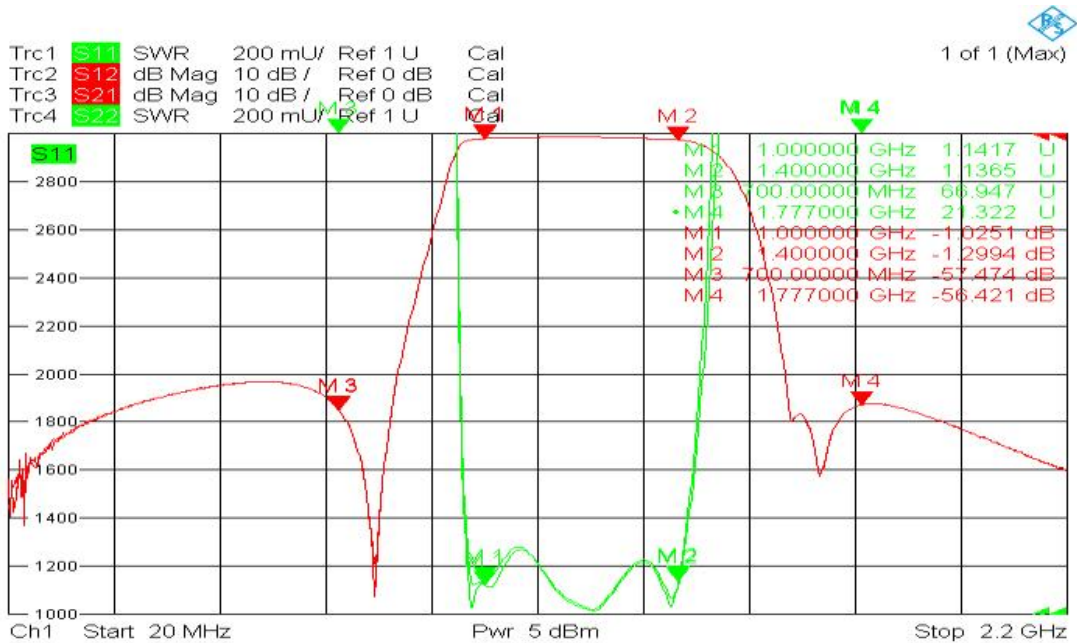


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-1G-1G4-L	Coaxial Band-pass Filter, Passband frequency range: 1-1.4GHz, Insertion Loss(f0): 1.6dB, 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.