

Coaxial Band-pass Filter

1600-2000 MHz/SMA Female

Model: TLBF-1600M-2000M-S

TLBF-1600M-2000M-S is a coaxial band-pass filter with a passband frequency from 1600 to 2000 MHz and a rejection frequencies point at 3.82 GHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 1600 to 2000 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

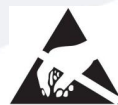
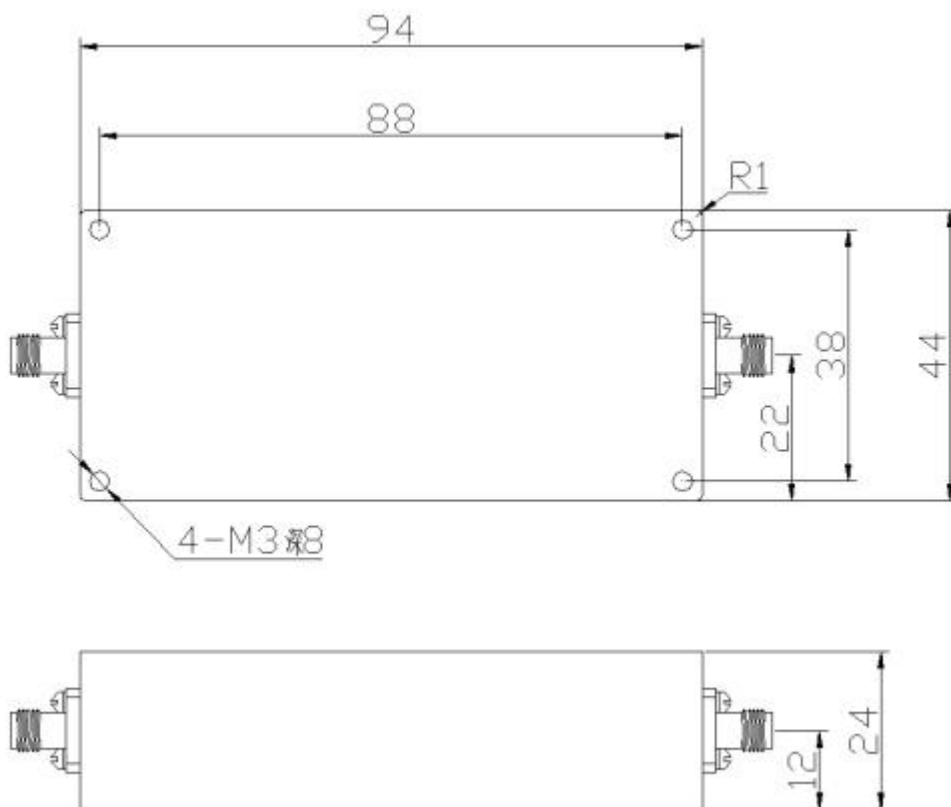
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		1600		2000	MHz
通带插损 Passband Insertion Loss				1.8	dB
带内纹波 Pass Band Ripple				1.0	dB
驻波 VSWR				1.7	:1
带外抑制 Rejection	@3.82GHz	70			dB
	@5.43GHz	50			dB
耐受功率 Power Handling		50			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 Temerature	-30 To +60	°C
表面处理 Finish	Black spray paint	
接口 Connectors	SMA Female	
尺寸 Size	24*44*94	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-1600M-2000M-S	Coaxial Band-pass Filter, Passband frequency range: 1600-2000MHz, Passband Insertion Loss: 1.8dB, 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.