

Coaxial Band-stop Filter

Stopband: 1.98-2.01GHz

Model: TLRF-1G98-2G01-S

TLRF-1G98-2G01-S is a coaxial band-stop filter with a stop band frequency from 1.98 to 2.01 GHz and a pass band frequency from DC to 1.9GHz and 2.12 to 4GHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 60 dB.

Features:

- Stopband Frequency Range 1.98 to 2.01GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

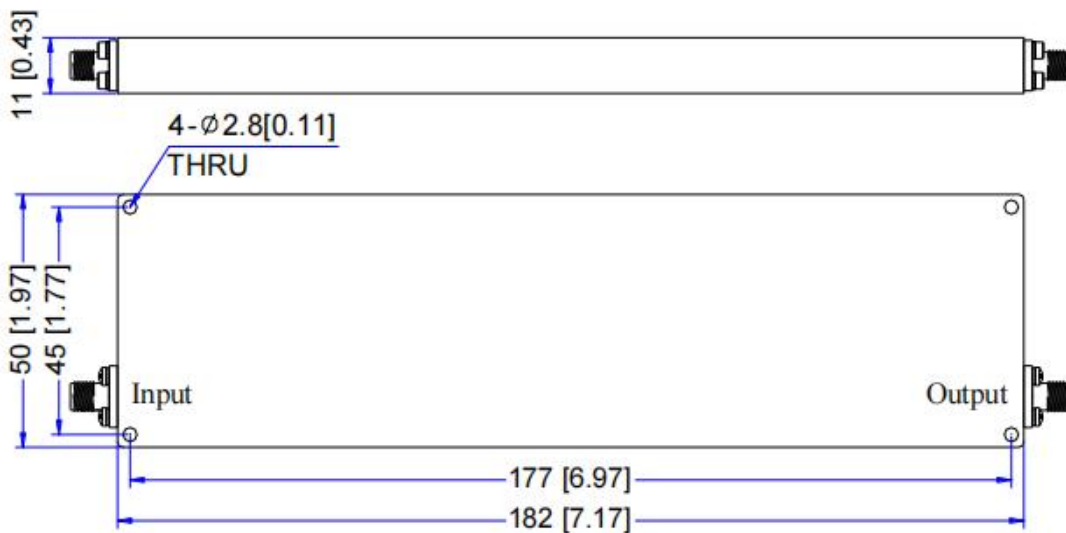
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	1.98		2.01	GHz
通带频率范围 Passband Frequency range	DC-1.9 & 2.12-4			GHz
阻带抑制 Stopband Rejection	60			dB
通带插损 Passband Insertion Loss		2.5	3	dB
通带驻波 Passband VSWR		1.5	1.8	:1
耐功率 Power Handling		10		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 Temperature	-50 to +80	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	182*50*11	mm

外形图 Outline Drawing: Unit:mm

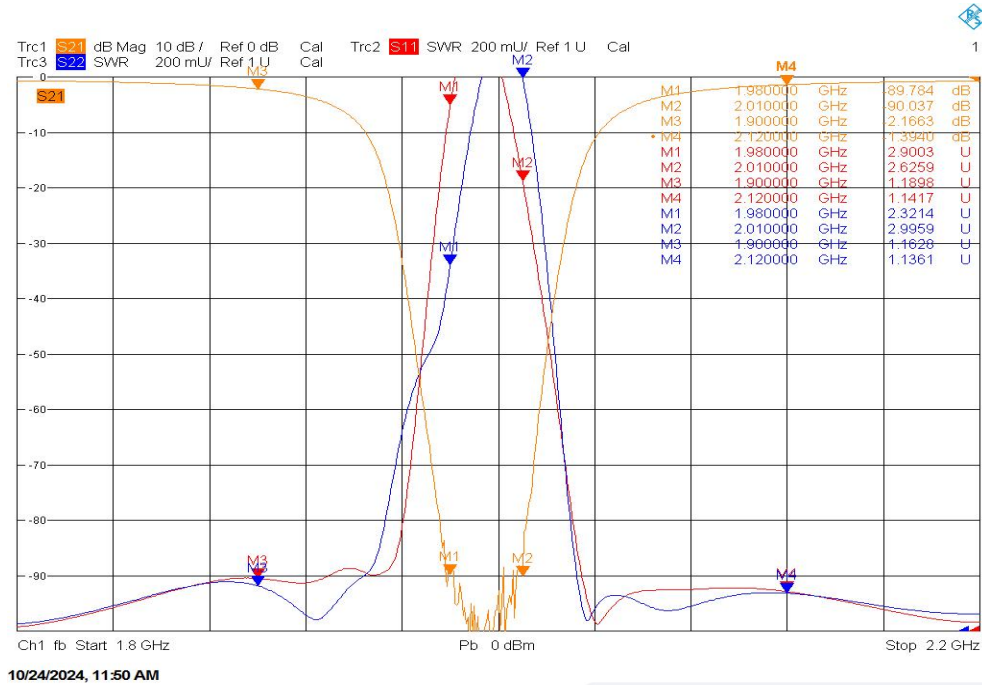


ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-1G98-2G01-S	Coaxial Band-stop Filter, Stopband: 1.98-2.01GHz, Passband: DC-1.9GHz&2.12-4GHz, Stopband rejection: 60dB Min	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.