

Coaxial Band-stop Filter

Stopband: 5.47-5.725GHz

Model: TLRf-5G47-5G725-S

TLRF-5G47-5G725-S is a coaxial band-stop filter with a stop band frequency from 5.47 to 5.725 GHz and a pass band frequency from DC to 5.25GHz and 5.95 to 12GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 40 dB.

Features:

- Stopband Frequency Range 5.47 to 5.725GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

电气特性 Electrical Characteristics:

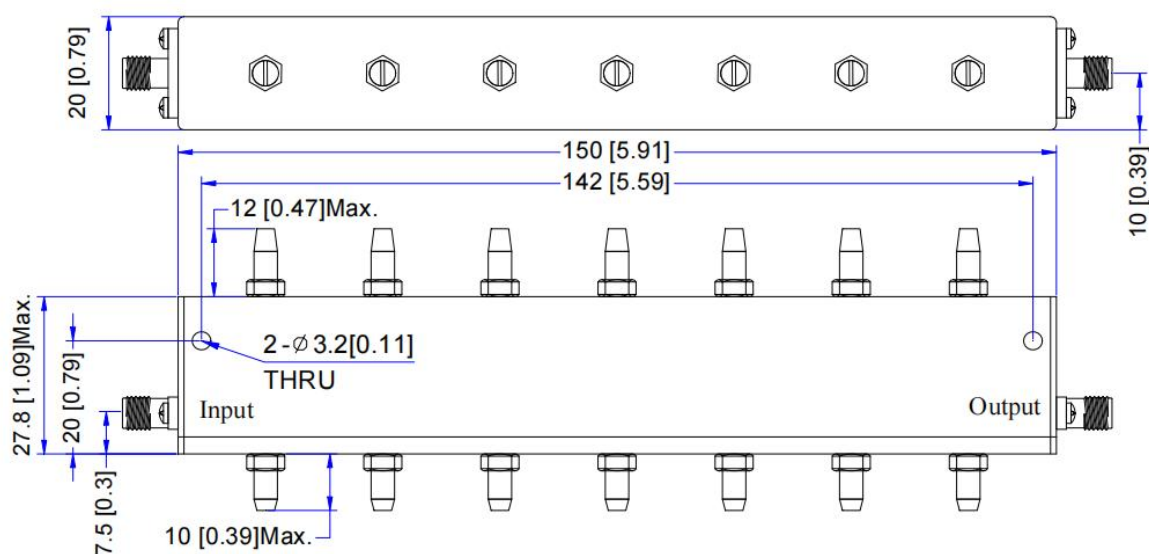
参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	5.47		5.725	GHz
通带频率范围 Passband Frequency range	DC-5.25 & 5.95-12			GHz
阻带抑制 Stopband Rejection	40			dB
通带插损 Passband Insertion Loss			2	dB
通带驻波 Passband VSWR			1.7	:1
耐功率 Power Handling		10		W
阻抗 Impedance		50		Ohms

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	0 to +40	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	150*27.8*20	mm

外形图 Outline Drawing:

Unit:mm

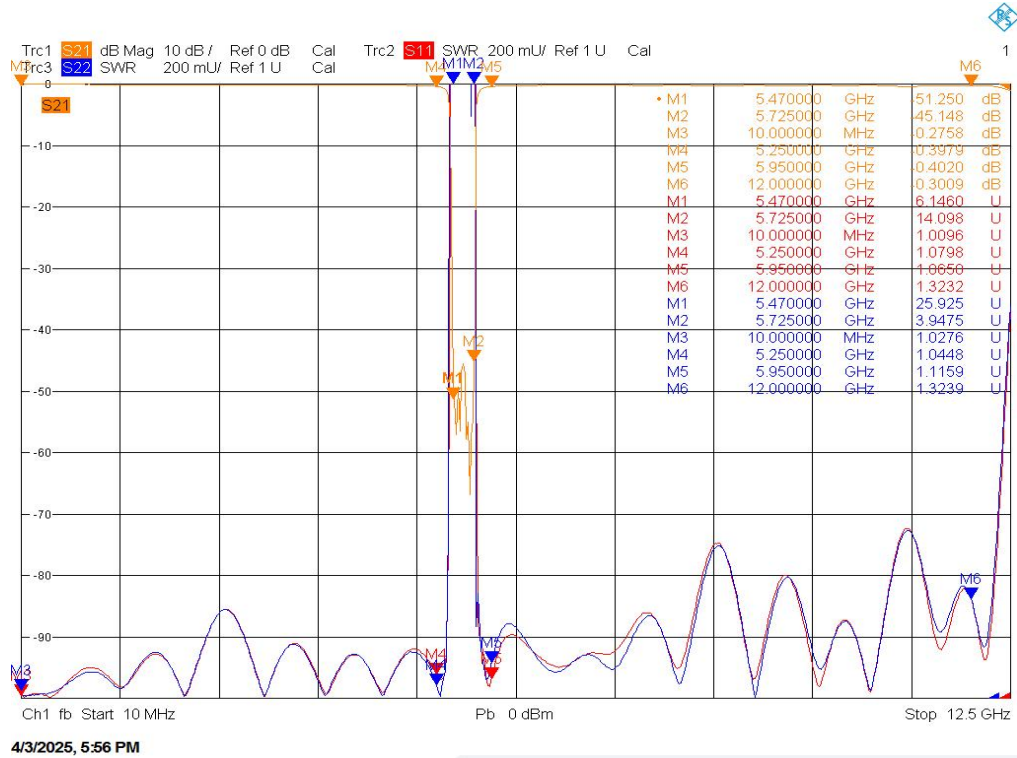


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-5G47-5G725-S	Coaxial Band-stop Filter, Stopband: 5.47-5.725GHz, Passband: DC-5.25GHz&5.95-12GHz, Stopband rejection: 40dB 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.