

Coaxial Band-stop Filter

Stopband: 5.15-5.85GHz

Model: TLRF-5150M-5850M-S

TLRF-5150M-5850M-S is a coaxial band-stop filter with a stop band frequency from 5.15 to 5.85 GHz and a pass band frequency from DC to 4.45GHz and 6.4 to 11GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

Features:

- Stopband Frequency Range 5.15 to 5.85GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communication Systems
- Radar Systems
- Sub-assemblies

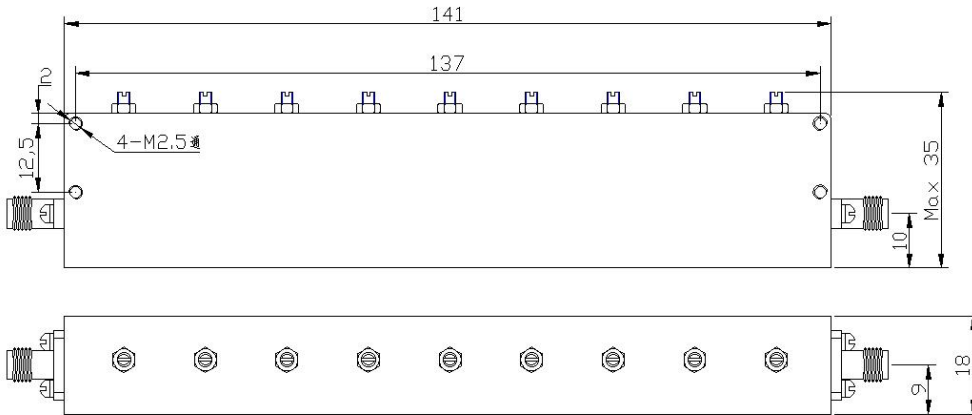
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency range	5.15		5.85	GHz
通带频率范围 Passband Frequency range	DC-4.45 & 6.4-11			GHz
阻带抑制 Stopband Rejection	40			dB
通带插损 Passband Insertion Loss			1.5	dB
通带驻波 Passband VSWR			2	:1
耐功率 Power Handling			5	W
阻抗 Impedance		50		Ohms

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-20 to +60	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	141*35*18	mm

外形图 Outline Drawing: Unit:mm

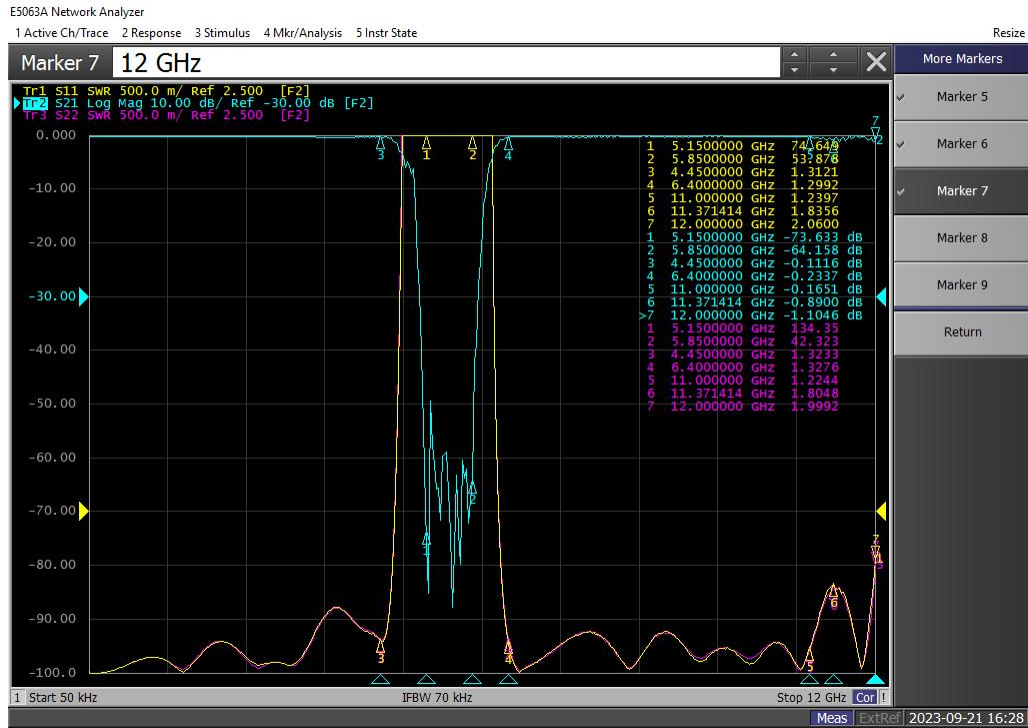


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-5150M-5850M-S	Coaxial Band-stop Filter, Stopband: 5.15-5.85GHz, Passband: DC-4.45GHz&6.4-11GHz, 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.