

Coaxial Band-stop Filter

Stopband: 2.4-2.5GHz

Model: TLRF-2G4-2G5-S

TLRF-2G4-2G5-S is a coaxial band-stop filter with a stop band frequency from 2.4 to 2.5 GHz and a pass band frequency from DC to 2.17GHz and 3 to 12GHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 40 dB.

Features:

- Stopband Frequency Range 2.4 to 2.5GHz
- 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		2.4		2.5	GHz
通带频率范围 Passband Frequency range		DC-2.17 & 3-12			GHz
阻带抑制 Stopband Rejection		40			dB
通带插损 Passband Insertion Loss	@DC-2&3-12GHz			1.5	dB
	@2-2.17GHz			2	
通带驻波 Passband VSWR				2	: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
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	152*28.1*19	mm

外形图 Outline Drawing:

Unit:mm

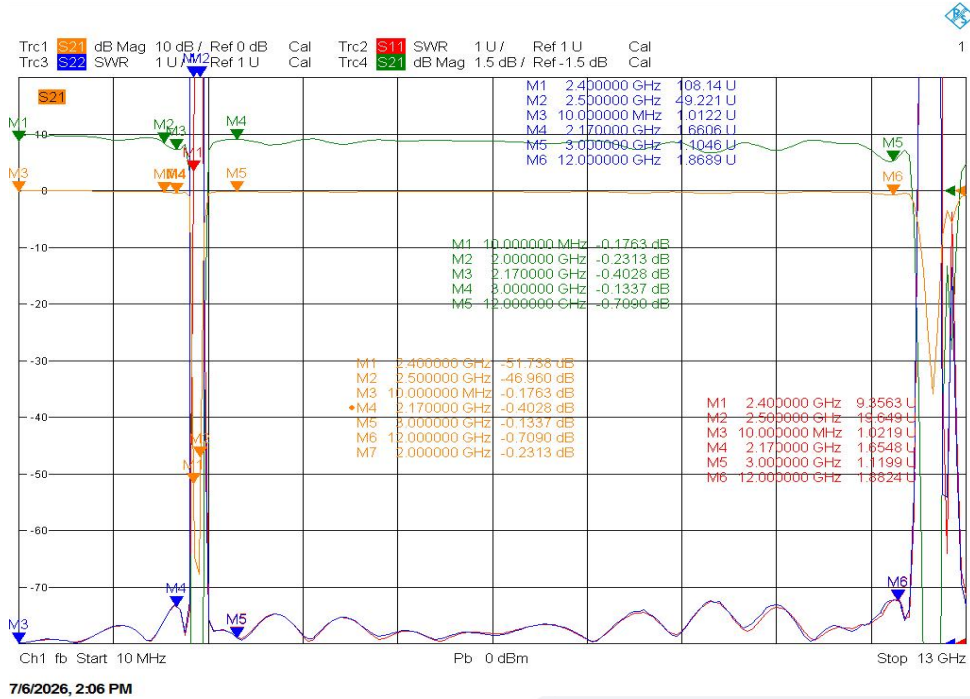


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-2G4-2G5-S	Coaxial Band-stop Filter, Stopband: 2.4-2.5GHz, Passband: DC-2.17GHz&3-12GHz, 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.