

Coaxial Band-stop Filter

Stopband: 27.5-31GHz

Model: TLRF-27G5-31G-2.92

TLRF-27G5-31G-2.92 is a coaxial band-stop filter with a stop band frequency from 27.5 to 31 GHz and a pass band frequency from DC to 22GHz and 36.5 to 42GHz. The maximum insertion loss of the filter is 5 dB and the minimum rejection is 60 dB.

Features:

- Stopband Frequency Range 27.5 to 31GHz
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

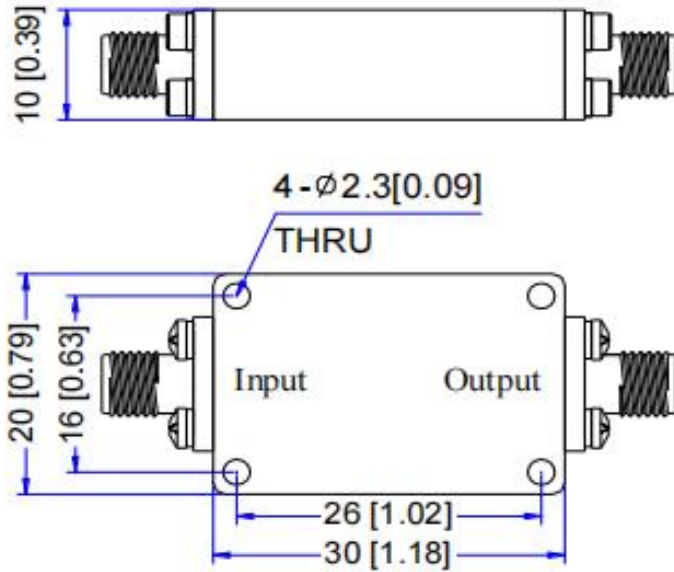
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	27.5		31	GHz
通带频率范围 Passband Frequency range	DC-22 & 36.5-42			GHz
阻带抑制 Stopband Rejection	60			dB
通带插损 Passband Insertion Loss		2	5	dB
通带驻波 Passband VSWR		1.6	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
操作温度 Operating Temperature	-50 to +80	°C
输入/输出接口 Input /Output Connector	2.92mm Female/2.92mm Female	
尺寸 Size	30*20*10	mm

外形图 Outline Drawing: Unit:mm

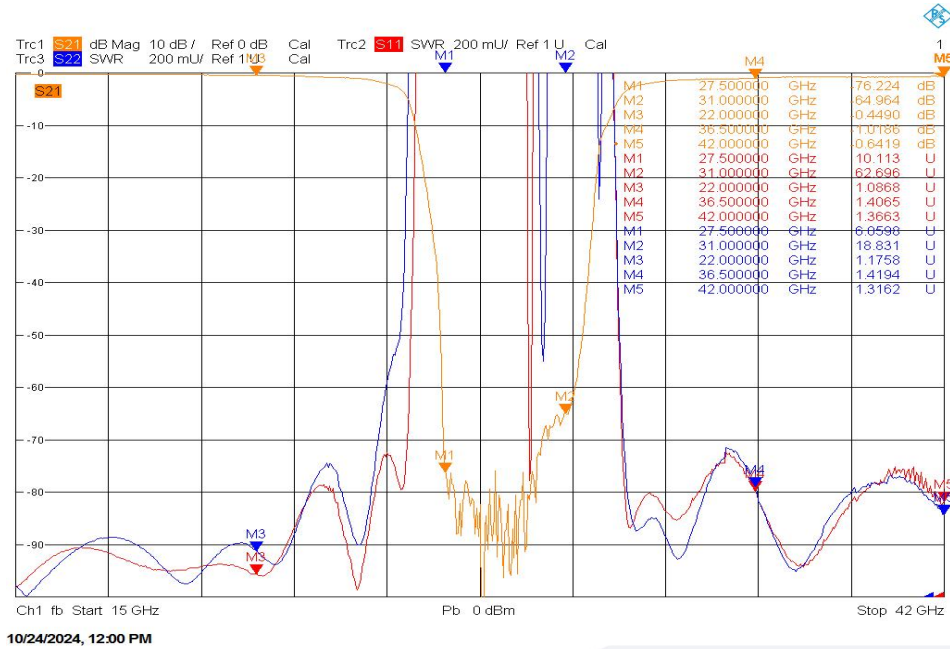


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-27G5-31G-2.92	Coaxial Band-stop Filter, Stopband: 27.5-31GHz, Passband: DC-22GHz & 36.5-42GHz, 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.