

Coaxial Band-stop Filter

Stopband: 3.3-4.2GHz

Model:TLRF-3G3-4G2-X

TLRF-3G3-4G2-X is a coaxial band-stop filter with a stop band frequency from 3.3 to 4.2GHz and a pass band frequency from DC to 3GHz and 4.5 to 15GHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 50 dB.

Features:

- Stopband Frequency Range 3.3 to 4.2GHz
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

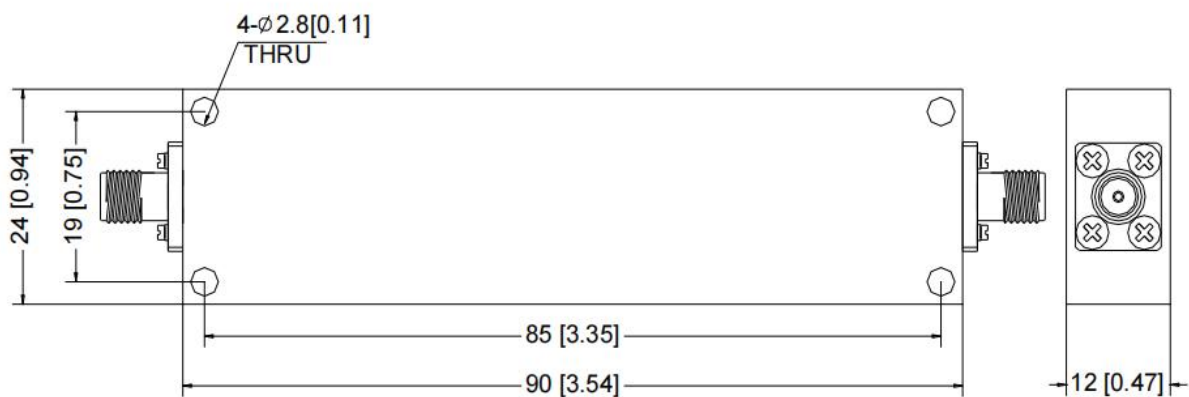
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	3.3		4.2	GHz
通带频率范围 Passband Frequency range	DC-3 & 4.5-15			GHz
阻带抑制 Stopband Rejection	50			dB
通带插损 Passband Insertion Loss			3	dB
通带驻波 Passband VSWR			1.8	:1
耐功率 Power Handling			5	W
阻抗 Impedance		50		Ohms

环境和机械特性 Envriotional And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
工作温度 Operating Temperature	-40 to +70	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	90*24*12	mm

外形图 Outline Drawing: Unit:mm

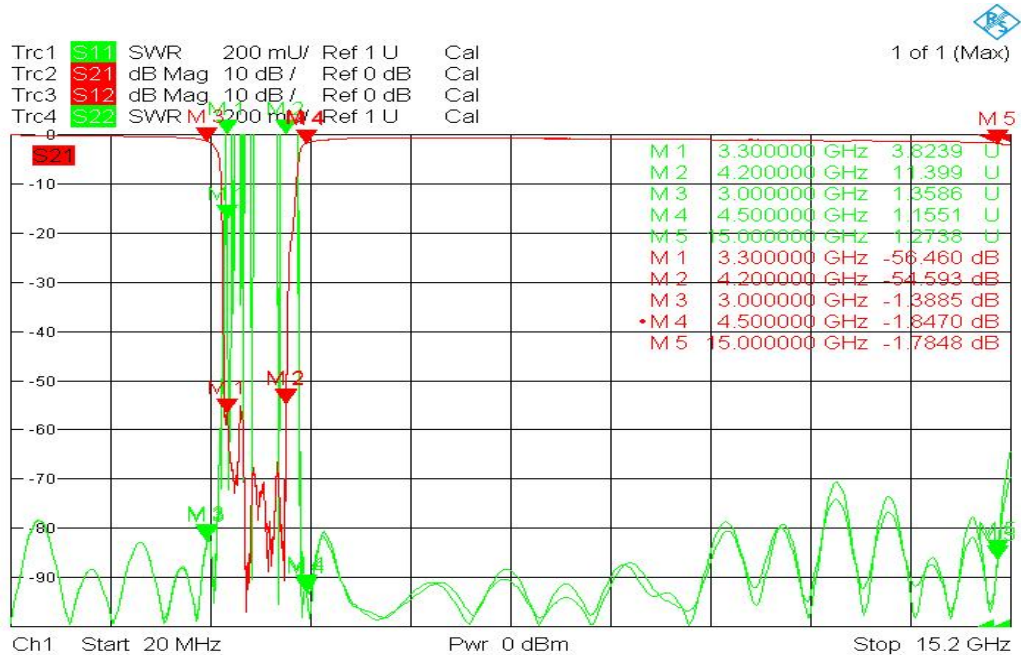


ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLRF-3G3-4G2-X	Coaxial Band-stop Filter, Stopband: 3.3-4.2GHz, Passband: DC-3GHz&4.5-15GHz, Stopband rejection: 50dB 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.