

Coaxial Low-pass Filter

DC-250 MHz/SMA Female

Model: TLLF-DC-250M-L

TLLF-DC-250M-L is a coaxial low-pass filter with a passband frequency from DC to 250 MHz and a rejection frequency @300 MHz. The maximum insertion loss of the filter is 3.0 dB and the minimum rejection is 35 dB.

Features:

- Passband Frequency Range DC to 250MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

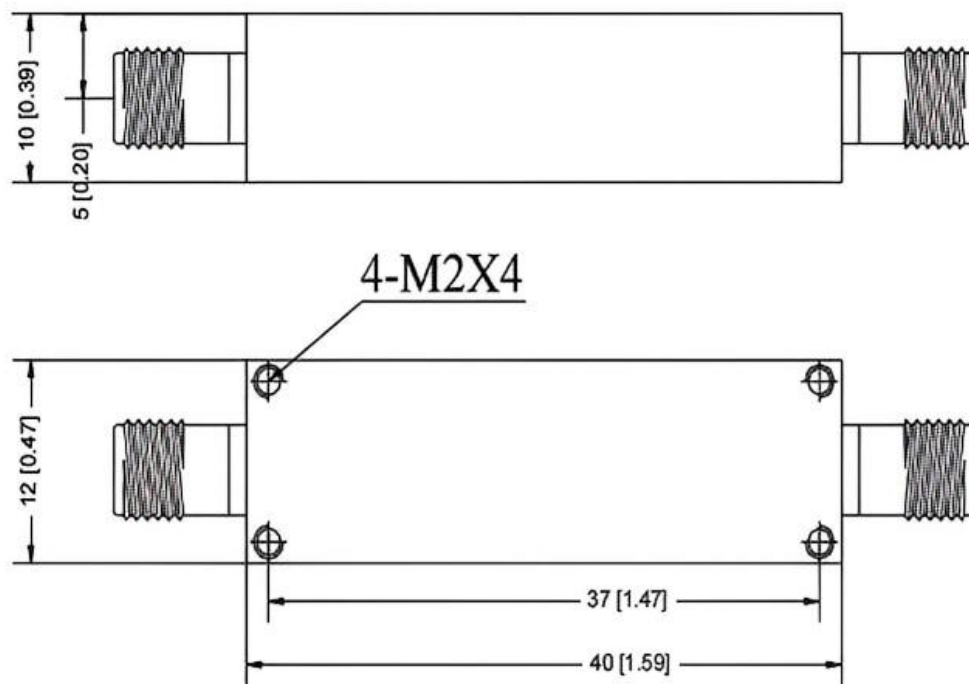
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	DC		250	MHz
通带插损 Passband Insertion Loss			3.0	dB
带内波动 Pass band Ripple			1.0	dB
群时延 Group Delay			10	ns
带外抑制 Rejection		>35dB@300Mhz >55dB@450Mhz		
耐受功率 Power Handling			2	W
驻波 VSWR			1.5	:1
阻抗 Impedance		50		Ohms

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	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	40*12*10	mm

外形图 Outline Drawing:

Unit:mm

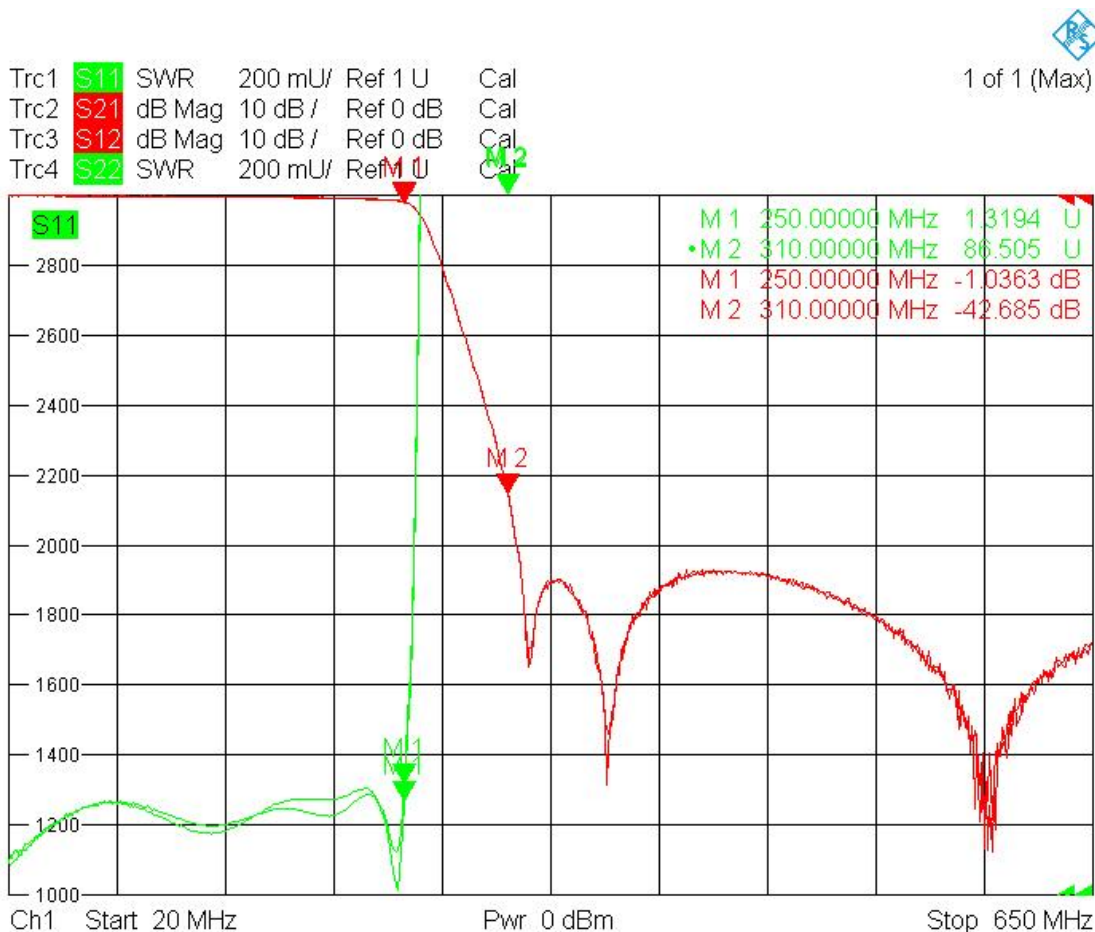


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-250M-L3	Coaxial Low-pass Filter, Passband frequency range: DC-250MHz, Passband Insertion Loss: 2.0dB, SMA Female	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.