

Coaxial Low-pass Filter

DC-300 MHz/3.5mm Female/3.5mm Male

Model: TLLF-DC-300M-L2

TLLF-DC-300M-L2 is a coaxial low-pass filter with a passband frequency from DC to 300 MHz and a rejection frequency from 400 MHz to 800MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range DC to 300MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

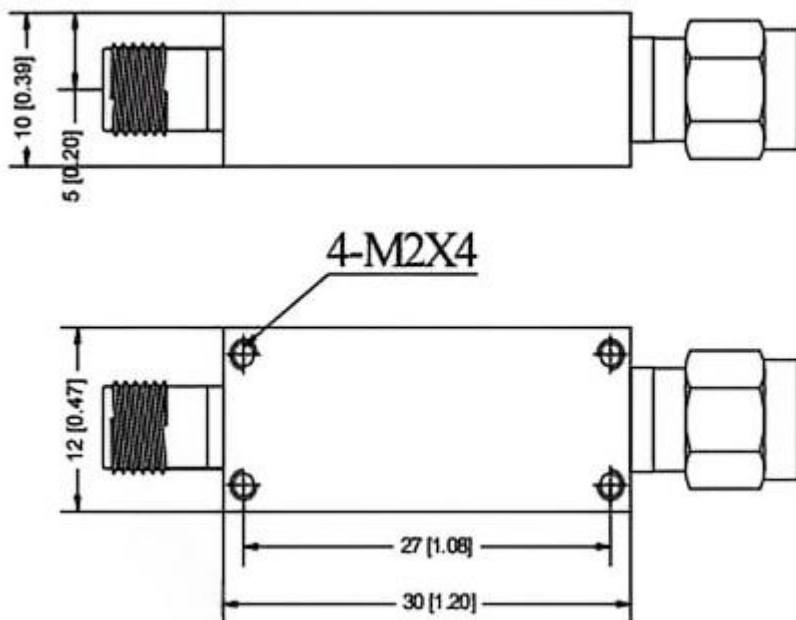
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	DC		300	MHz
通带插损 Passband Insertion Loss			1.5	dB
带内波动 Pass band Ripple			1.0	dB
带外抑制 Rejection	>45dB @400-800Mhz			
	本产品带隔直电容，电感无法直通			
耐受功率 Power Handling			2	W
驻波 VSWR			1.5	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	°C
接口 Connectors	3.5mm Female/3.5mm Male	
尺寸 Size	30*12*10	mm

外形图 Outline Drawing:

Unit:mm

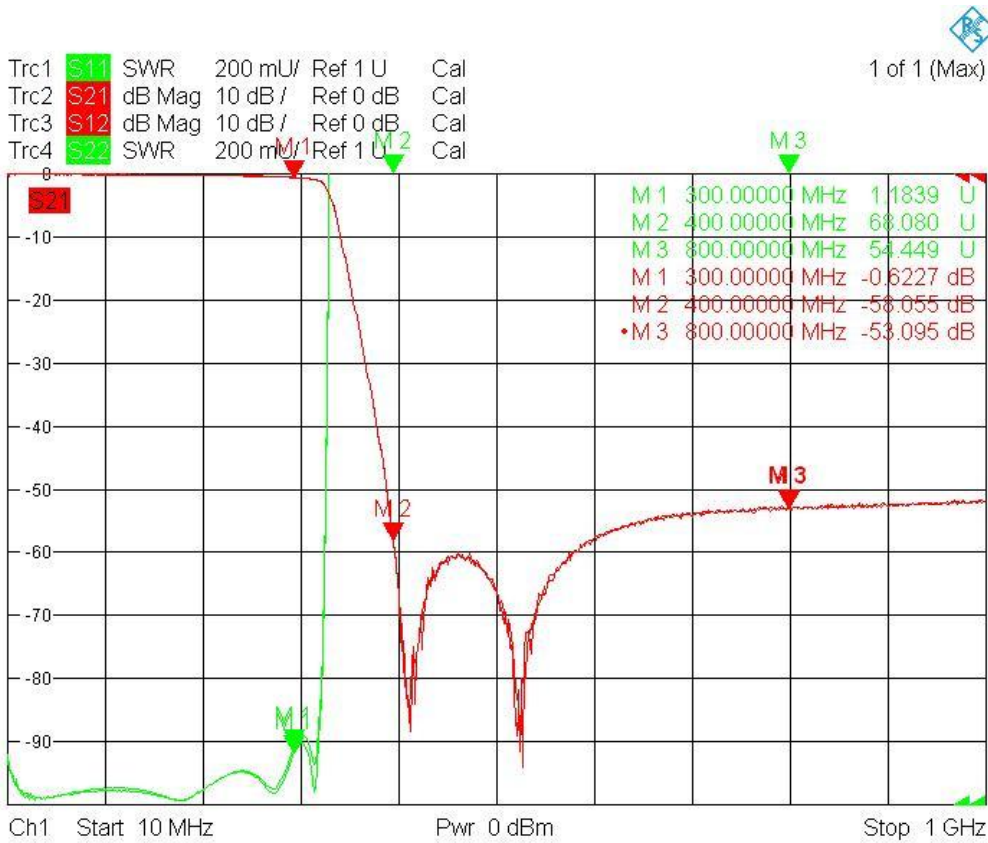


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-300M-L2	Coaxial Low-pass Filter, Passband frequency range: DC-300MHz, Passband Insertion Loss: 1.5dB, 3.5mm Female/3.5mm Male	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.