

Coaxial Band-pass Filter

10.095-10.105 GHz/SMA Female

Model: TLBF-10G1-10M-E

TLBF-10G1-10M-E is a coaxial band-pass filter with a passband frequency from 10.095 to 10.105 GHz and a rejection frequencies@10 GHz. The maximum fo insertion loss of the filter is 2.5 dB and the typical rejection is 35 dB.

Features:

- Passband Frequency Range 10.095 to 10.105 GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

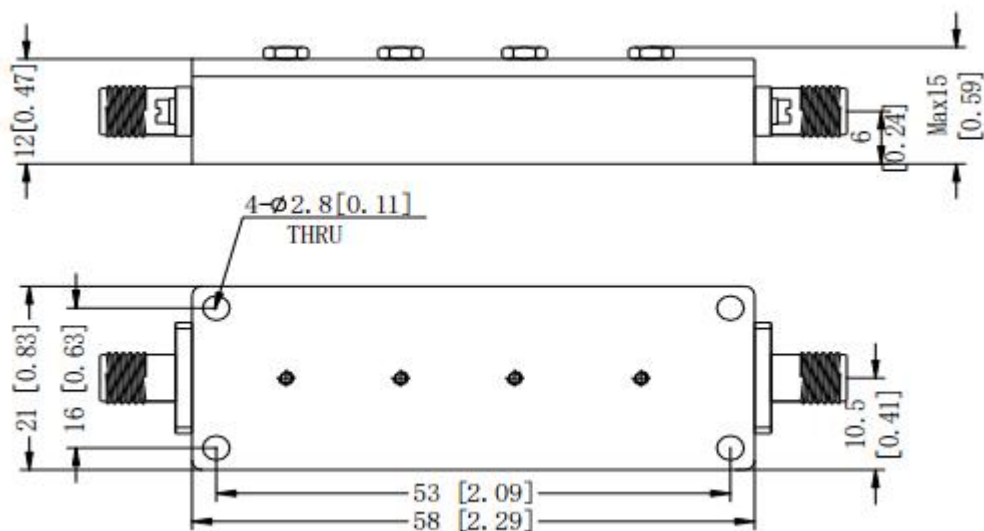
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	10.095		10.105	GHz
带宽 Band Width			0.01	GHz
插损 Insertion Loss(f _o)			2.5	dB
带内波动 Pass Band Ripple			1.8	dB
带外抑制 Rejection	>35dB@10GHz			dB
耐受功率 Power Handling			50	W
驻波 VSWR			1.5	:1
阻抗 Impedance	50			Ohms

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	SMA Female	

外形图 Outline Drawing:

Unit:mm

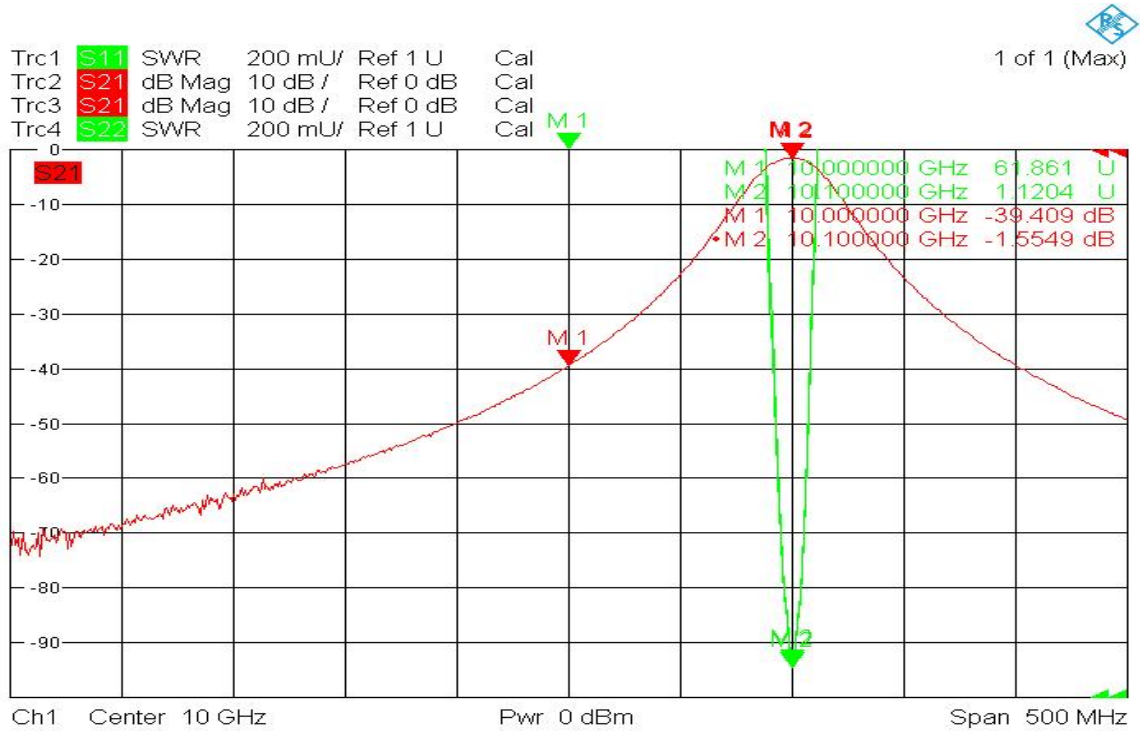


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-10G1-10M-E	Coaxial Band-pass Filter, Passband frequency range: 10.095-10.105GHz, Passband Insertion Loss: 2.5dB, 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.