

Coaxial Band-pass Filter

Center Frequency 1100 MHz/SMA Female

Model: TLBF-1G1-20M-E

TLBF-1G1-20M-E is a coaxial band-pass filter with a passband center frequency at 1100 MHz and a rejection frequencies at $f_c \pm 40$ MHz and from 2200 to 3300 MHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 1100 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

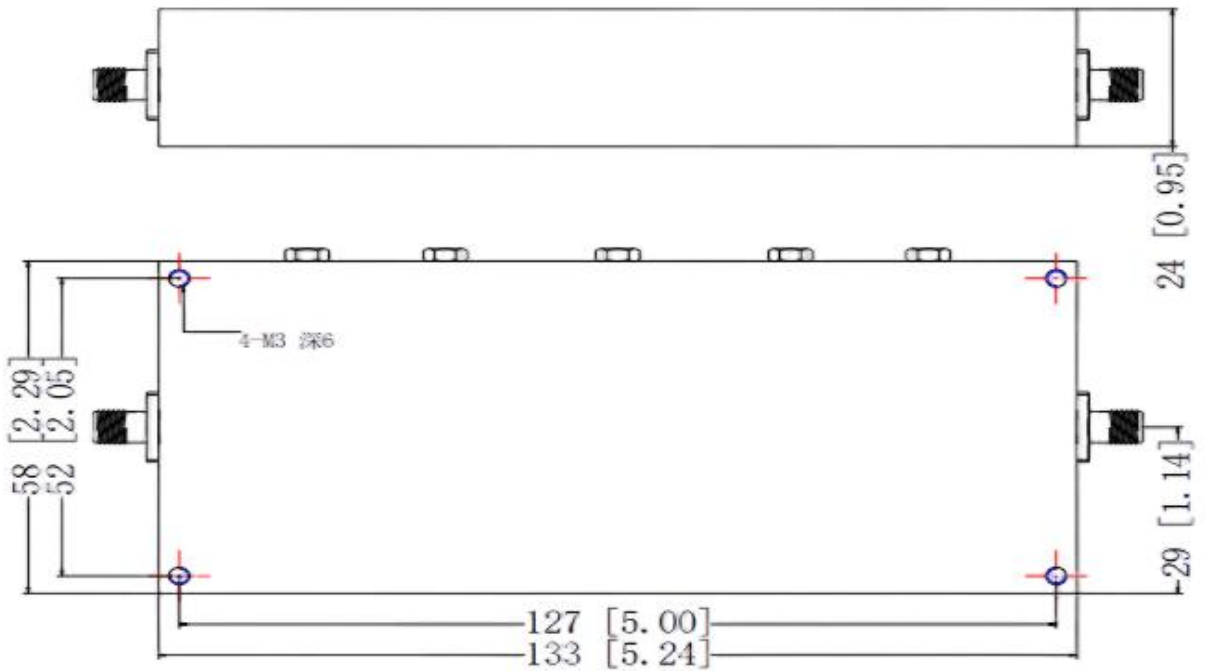
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1090		1110	MHz
带宽 Band Width			20	MHz
插损 Insertion Loss(f_0)			1.8	dB
带内纹波 Pass Band Ripple			1.6	dB
驻波 VSWR			1.5	:1
带外抑制 Rejection@ $f_c \pm 40$ MHz & 2200-3300 MHz	40			dB
耐受功率 Power Handling			50	W
阻抗 Impedance	50			Ohms

环境和机械特性 Environmental 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	24*58*133	mm

外形图 Outline Drawing: Unit:mm

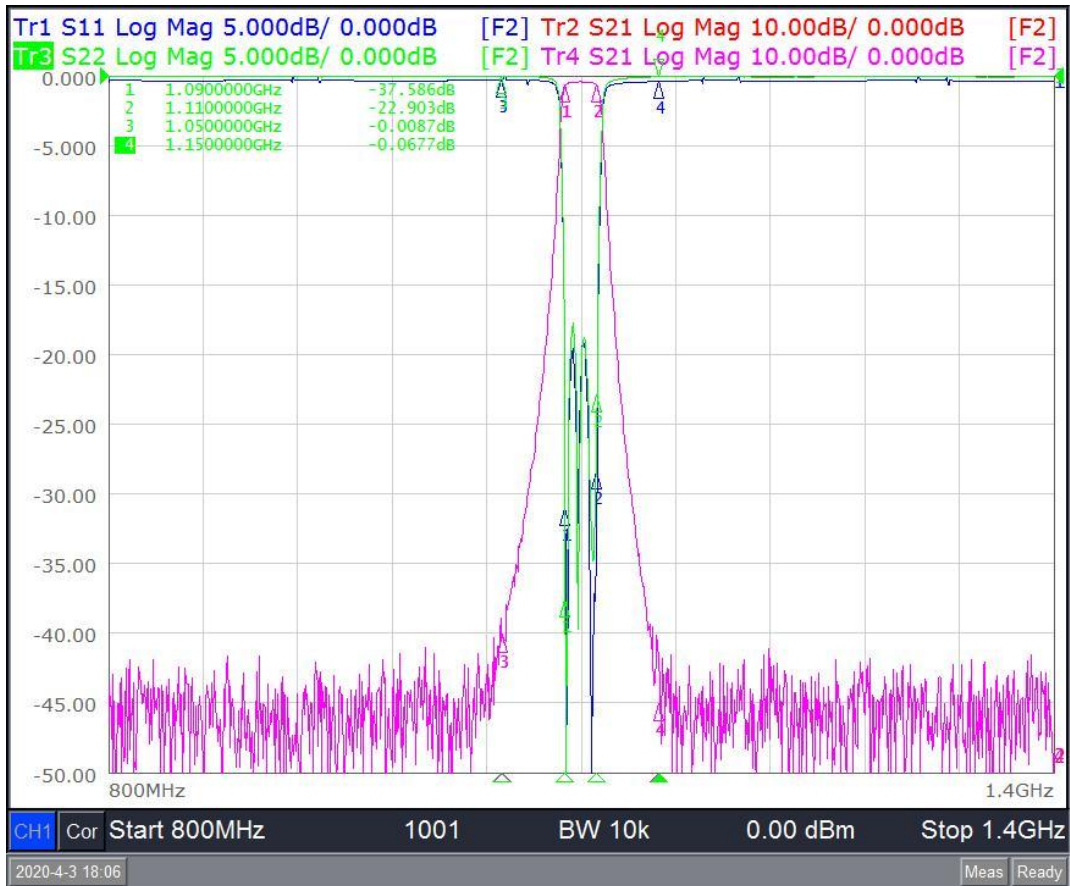


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-1G1-20M-E	Coaxial Band-pass Filter, Passband center frequency: 1100MHz, Insertion Loss(f0): 1.8dB, 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.