

Coaxial Band-pass Filter

Center Frequency 1270 MHz/SMA Female

Model: TLBF-1G27-100M-L

TLBF-1G27-100M-L is a coaxial band-pass filter with a passband center frequency at 1270 MHz and a rejection frequencies point at 1000 MHz and 1600 MHz. The maximum insertion loss of the filter is 2.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 1270 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

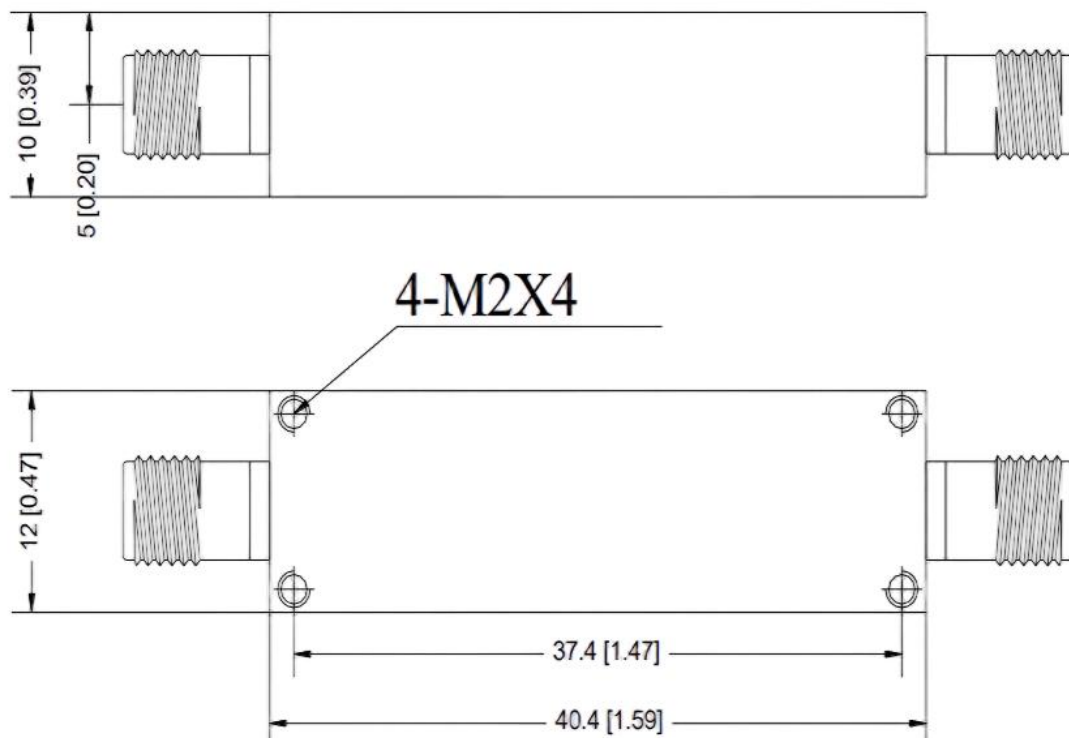
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1220		1320	MHz
带宽 Band Width			100	MHz
插损 Insertion Loss(f0)			2.0	dB
带内纹波 Pass Band Ripple			1.8	dB
驻波 VSWR			1.6	:1
带外抑制 Rejection@1000MHz&1600MHz	40			dB
耐受功率 Power Handling			2	W
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	℃
接口 Connectors	SMA Female	
尺寸 Size	10*12*40.4	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-1G27-100M-L	Coaxial Band-pass Filter, Passband center frequency: 1270MHz, Insertion Loss(f0): 2.0dB, SMA Female	Rev.1.0