

## Coaxial Band-pass Filter

### 200-400 MHz/SMA Female

**Model: TLBF-200M-400M-L**

TLBF-200M-400M-L is a coaxial band-pass filter with a passband frequency from 200 to 400 MHz and a rejection frequencies from DC to 110 MHz and point at 520 MHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 60 dB.

#### Features:

- Passband Frequency Range 200 to 400 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

#### Applications:

- Instrumentations
- Radar Systems
- System Integrations

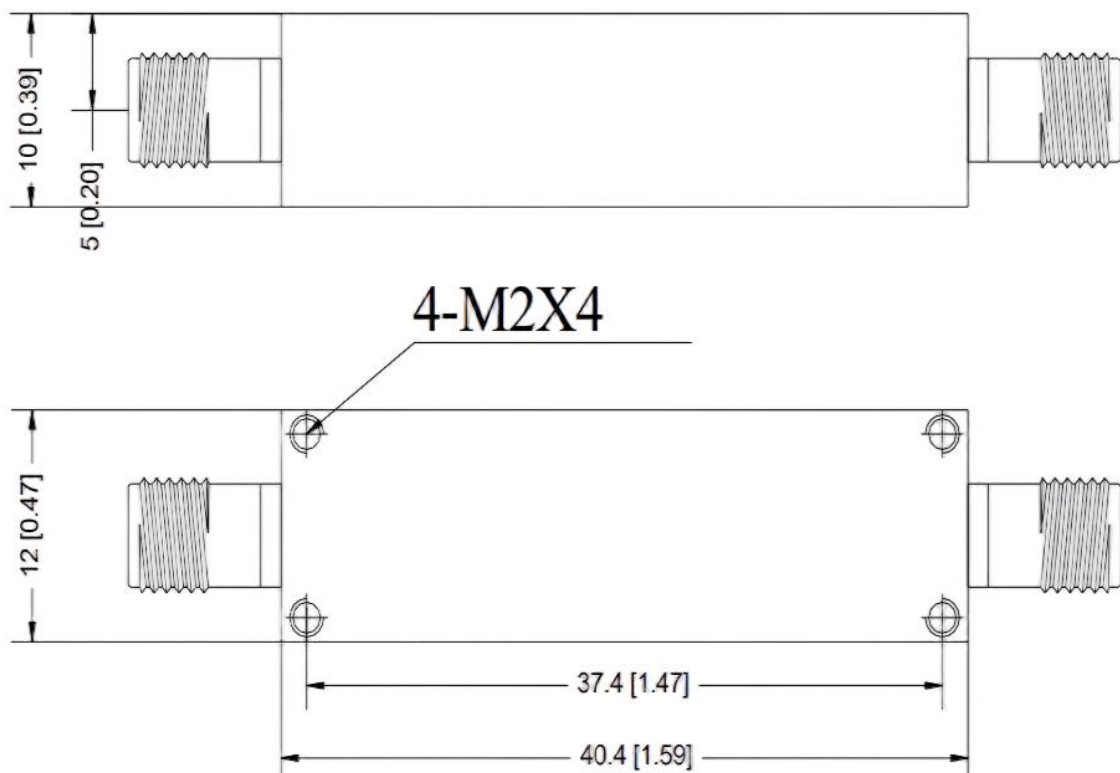
### 电气特性 Electrical Characteristics:

| 参数 Parameter                    | Min | Typ | Max | 单位 Units |
|---------------------------------|-----|-----|-----|----------|
| 通带频率范围 Passband Frequency range | 200 |     | 400 | MHz      |
| 带宽 Band Width                   |     |     | 200 | MHz      |
| 通带插损 Passband Insertion Loss    |     |     | 1.2 | dB       |
| 带内纹波 Pass Band Ripple           |     |     | 1.0 | dB       |
| 驻波 VSWR                         |     |     | 1.6 | :1       |
| 带外抑制 Rejection@DC-1100MHz&520M  | 60  |     |     | dB       |
| 耐受功率 Power Handling             |     |     | 2   | W        |
| 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                    | 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-200M-400M-L | Coaxial Band-pass Filter, Passband frequency range: 200-400MHz, Passband Insertion Loss: 1.2dB, 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.