

## Coaxial Band-pass Filter

### 880-970 MHz/SMA Female

**Model: TLBF-880M-970M-S**

TLBF-880M-970M-S is a coaxial band-pass filter with a passband frequency from 880 to 970 MHz and a rejection frequencies point at 1.83 GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 70 dB.

#### Features:

- Passband Frequency Range 880 to 970 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

#### Applications:

- Instrumentations
- Radar Systems
- System Integrations

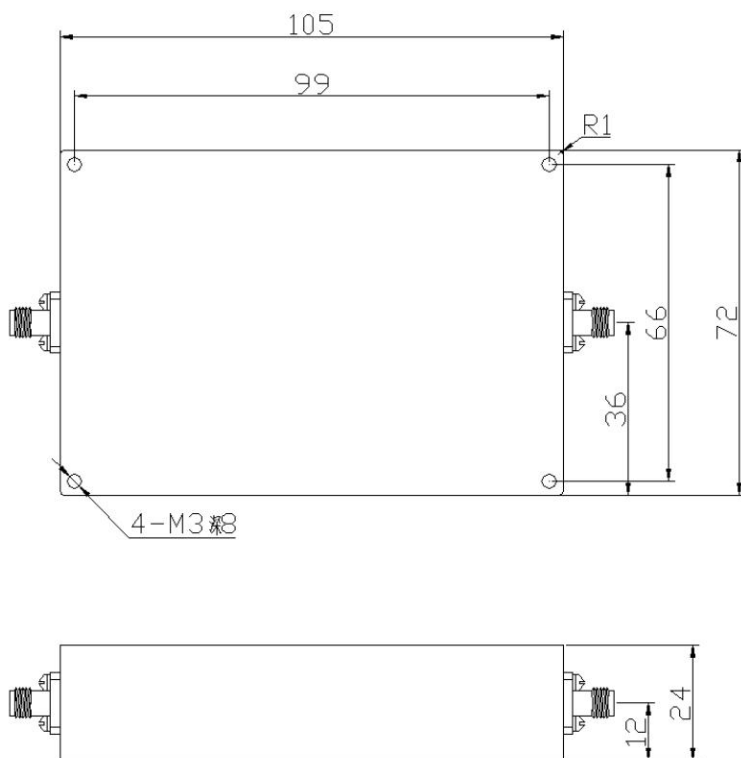
### 电气特性 Electrical Characteristics:

| 参数 Parameter                    |          | Min | Typ | Max | 单位 Units |
|---------------------------------|----------|-----|-----|-----|----------|
| 通带频率范围 Passband Frequency range |          | 880 |     | 970 | MHz      |
| 通带插损 Passband Insertion Loss    |          |     |     | 1.5 | dB       |
| 驻波 VSWR                         |          |     |     | 1.7 | :1       |
| 带外抑制 Rejection                  | @1.83GHz | 70  |     |     | dB       |
|                                 | @2.74GHz | 50  |     |     | dB       |
| 波动 Fluctuate                    |          |     |     | 1.0 | dB       |
| 耐受功率 Power Handling             |          | 50  |     |     | 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 | -30 To +60        | °C       |
| 表面处理 Finish               | Black spray paint |          |
| 接口 Connectors             | SMA Female        |          |
| 尺寸 Size                   | 24*72*105         | mm       |

## 外形图 Outline Drawing: Unit:mm

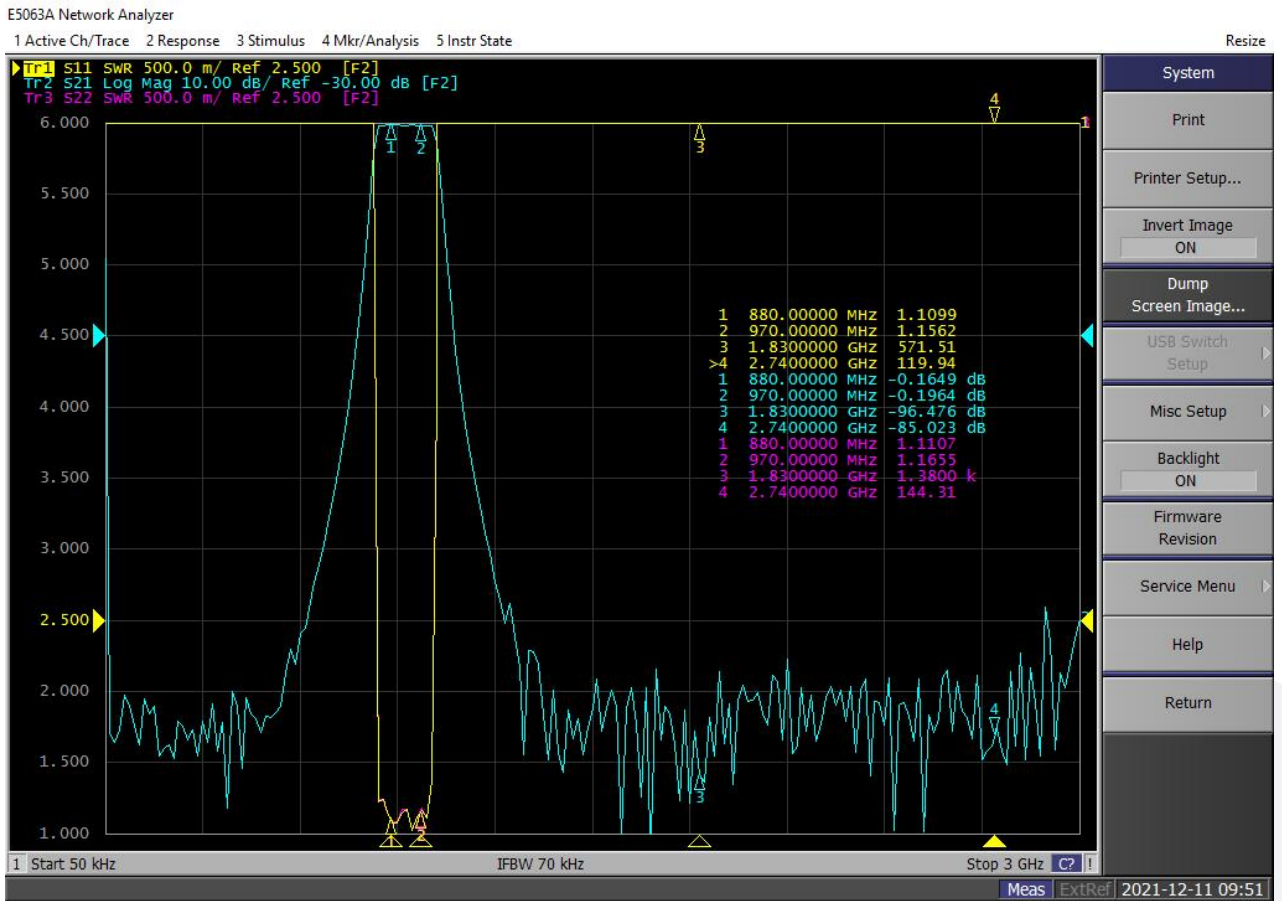


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## 订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description                                                                                             | 版本号 Revision |
|------------------|------------------------------------------------------------------------------------------------------------|--------------|
| TLBF-880M-970M-S | Coaxial Band-pass Filter, Passband frequency range: 880-970MHz, Passband Insertion Loss: 1.5dB, 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.