

## Coaxial Band-pass Filter

1850-2050 MHz/SMA Female

Model: TLBF-1G95-200M-E

TLBF-1G95-200M-E is a coaxial band-pass filter with a passband frequency from 1850 to 2050 MHz and a rejection frequencies from DC to 1300 MHz and point at 2550 MHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 20 dB.

### Features:

- Passband Frequency Range 1850 to 2050 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

### Applications:

- Instrumentations
- Radar Systems
- System Integrations

## 电气特性 Electrical Characteristics:

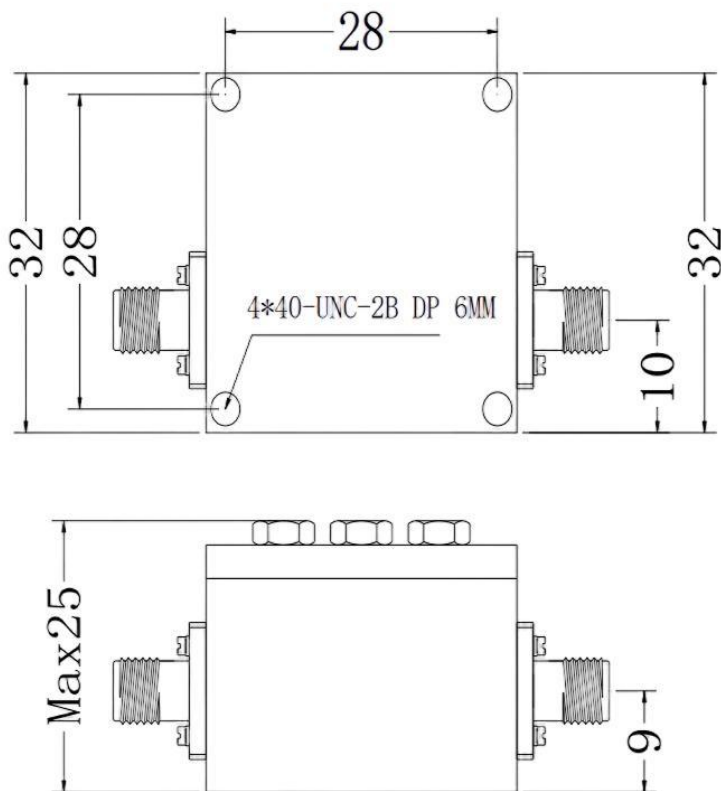
| 参数 Parameter                      | Min  | Typ | Max  | 单位 Units |
|-----------------------------------|------|-----|------|----------|
| 通带频率范围 Passband Frequency range   | 1850 |     | 2050 | MHz      |
| 带宽 Band Width                     |      |     | 200  | MHz      |
| 通带插损 Passband Insertion Loss      |      |     | 1.2  | dB       |
| 带内纹波 Pass Band Ripple             |      |     | 1.0  | dB       |
| 驻波 VSWR                           |      |     | 1.5  | :1       |
| 带外抑制 Rejection@DC-1300MHz&2550MHz | 20   |     |      | dB       |
| 耐受功率 Power Handling               |      |     | 30   | 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   | ℃        |
| 接口 Connectors              | SMA Female   |          |
| 尺寸 Size                    | 25*32*32     | mm       |

## 外形图 Outline Drawing:

Unit:mm

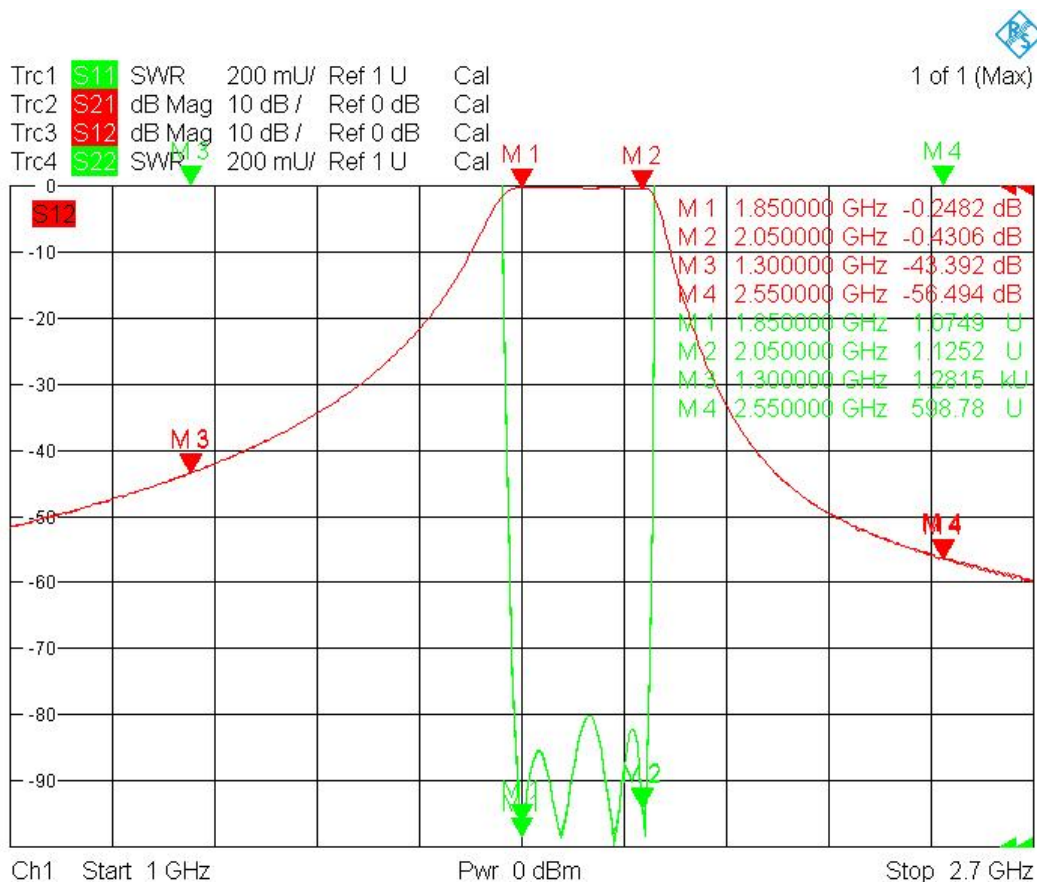


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## 订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description                                                                                               | 版本号 Revision |
|------------------|--------------------------------------------------------------------------------------------------------------|--------------|
| TLBF-1G95-200M-E | Coaxial Band-pass Filter, Passband frequency range: 1850-2050MHz, 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.