

## Coaxial Band-pass Filter

### 880-915 MHz/SMA Female

**Model: TLBF-880-915-S-100W**

TLBF-880-915-S-100W is a coaxial band-pass filter with a passband frequency from 880 to 915 MHz and a rejection frequencies from DC to 795 MHz and from 1005 to 2000 MHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 70 dB.

#### Features:

- Passband Frequency Range 880 to 915 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

#### Applications:

- Instrumentations
- Radar Systems
- System Integrations

#### Electrical Characteristics:

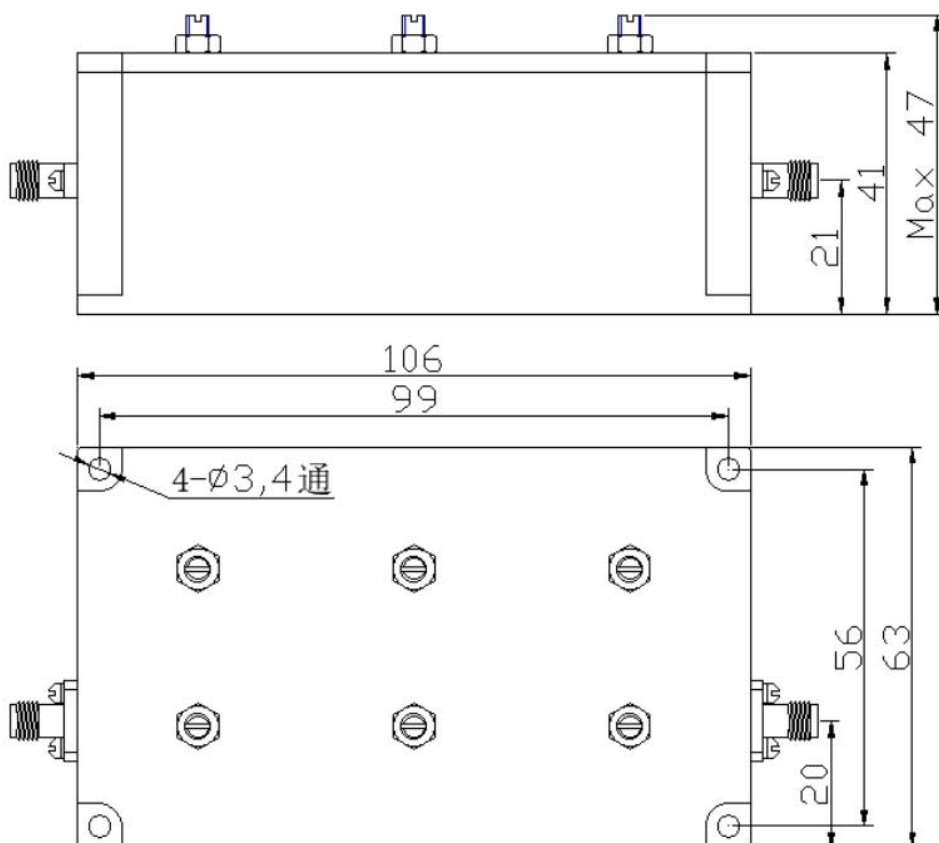
| Parameter                            | Min | Typ | Max | Units |
|--------------------------------------|-----|-----|-----|-------|
| Passband Frequency range             | 880 |     | 915 | MHz   |
| Passband Insertion Loss              |     |     | 0.5 | dB    |
| VSWR                                 |     |     | 1.5 | :1    |
| Rejection@DC-795MHz&<br>1005-2000MHz | 70  |     |     | dB    |
| Power Handling                       |     | 100 |     | W     |
| Impedance                            | 50  |     |     | Ohms  |

#### Envrionmental And Physical Characteristics:

| Description          | Parameter     | Units |
|----------------------|---------------|-------|
| Operating Temerature | -40 To +70    | °C    |
| Storage Temerature   | -55 to +85    | °C    |
| Connectors           | SMA Female    |       |
| Finish               | Silver Plated |       |
| Size                 | 47*63*106     | mm    |

## Outline Drawing:

Unit:mm

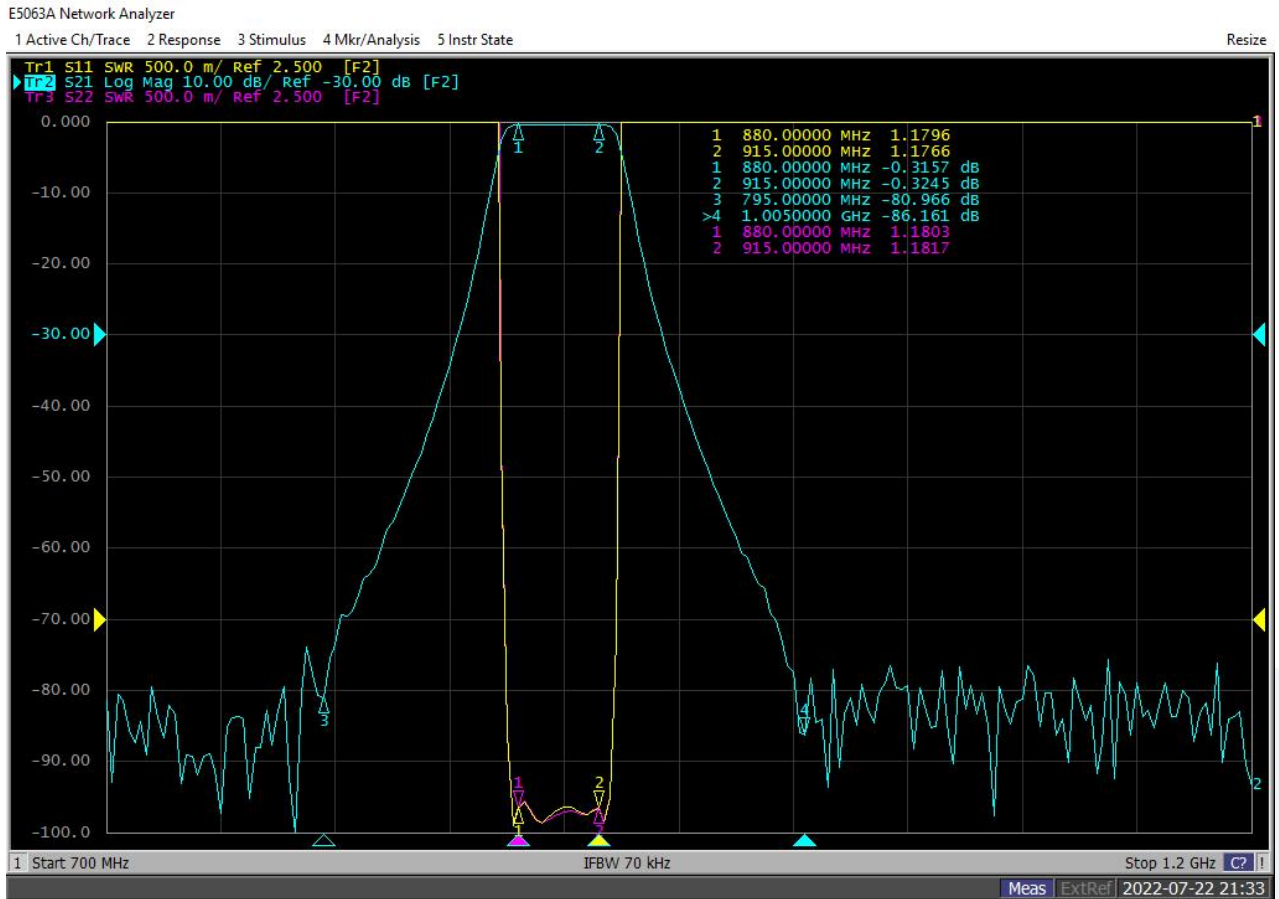


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## Ordering Information:

| Base Number         | Description                                                                                                | Revision |
|---------------------|------------------------------------------------------------------------------------------------------------|----------|
| TLBF-880-915-S-100W | Coaxial Band-pass Filter, Passband frequency range: 880-915MHz, Passband Insertion Loss: 0.5dB, SMA Female | Rev.1.0  |

## 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.