

## Coaxial Band-pass Filter

### 750-1250 MHz/SMA Female

**Model: TLBF-750M-1250M-S**

TLBF-750M-1250M-S is a coaxial band-pass filter with a passband frequency from 750 to 1250 MHz and a rejection frequencies from DC to 584 MHz and from 1416 to 6000 MHz. The maximum insertion loss of the filter is 2.5 dB and the minimum rejection is 50 dB.

#### Features:

- Passband Frequency Range 750 to 1250 MHz
- High Rejection
- Steep Rejection Skirts

#### Applications:

- Instrumentations
- Radar Systems
- System Integrations

#### Electrical Characteristics:

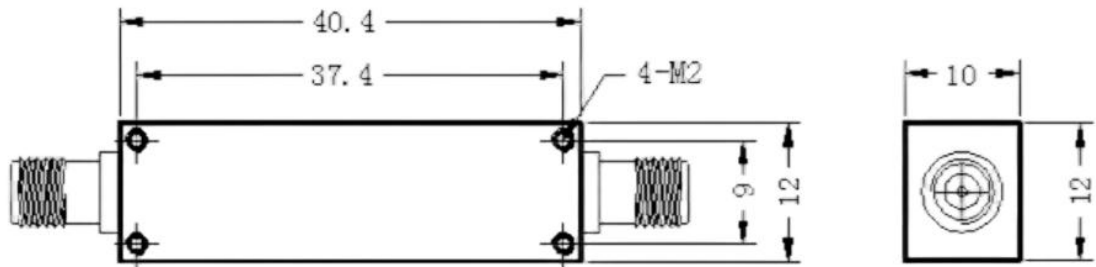
| Parameter                            | Min | Typ | Max  | Units |
|--------------------------------------|-----|-----|------|-------|
| Passband Frequency range             | 750 |     | 1250 | MHz   |
| Band Width                           |     | 500 |      | MHz   |
| Passband Insertion Loss              |     |     | 2.5  | dB    |
| VSWR                                 |     |     | 1.5  | :1    |
| Rejection@DC-584MHz&<br>1416-6000MHz | 50  |     |      | dB    |
| Power Handling                       |     |     | 50   | W     |
| Impedance                            | 50  |     |      | Ohms  |

#### Envrionmental And Physical Characteristics:

| Description          | Parameter  | Units |
|----------------------|------------|-------|
| Operating Temerature | -40 To +70 | °C    |
| Storage Temperature  | -55 to +85 | °C    |
| Connectors           | SMA Female |       |
| Size                 | 12*12*40.4 | mm    |

## Outline Drawing:

Unit:mm



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

## Ordering Information:

| Base Number       | Description                                                                                                 | Revision |
|-------------------|-------------------------------------------------------------------------------------------------------------|----------|
| TLBF-750M-1250M-S | Coaxial Band-pass Filter, Passband frequency range: 750-1250MHz, Passband Insertion Loss: 2.5dB, SMA Female | Rev.1.0  |