

## Coaxial Band-pass Filter

### 1460-1530 MHz/SMA Female

**Model: TLBF-1460M-1530M-2E**

TLBF-1460M-1530M-2E is a coaxial band-pass filter with a passband frequency from 1460 to 1530 MHz and a rejection frequencies from DC to 1365 MHz and from 1615 to 6500 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 60 dB.

#### Features:

- Passband Frequency Range 1460 to 1530 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

#### Applications:

- Instrumentations
- Radar Systems
- System Integrations

#### Electrical Characteristics:

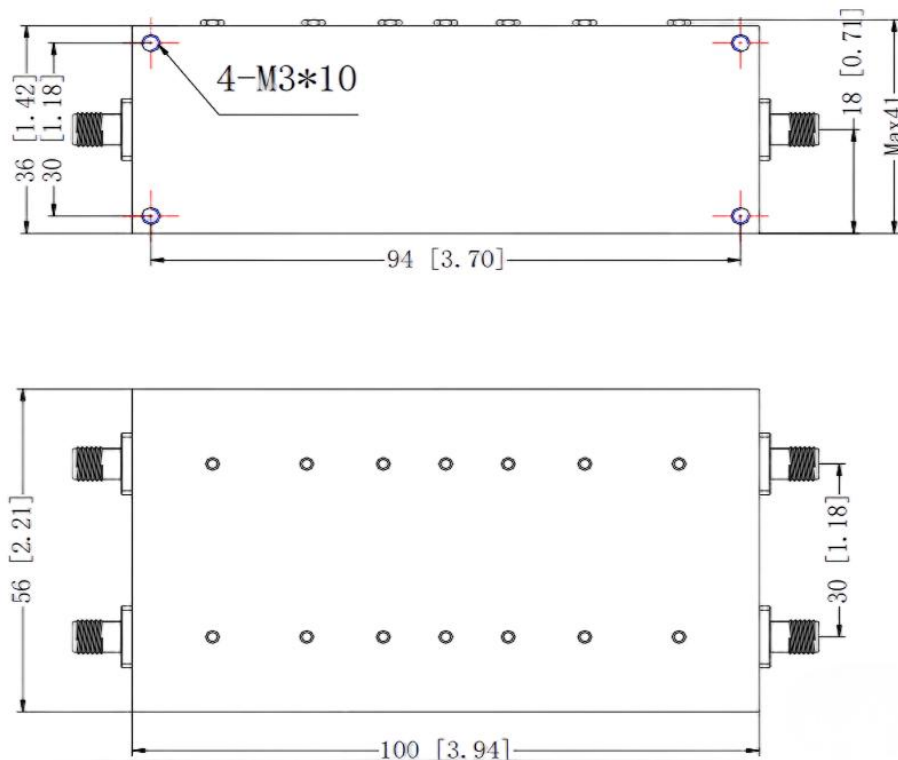
| Parameter                |                        | Min  | Typ | Max  | Units |
|--------------------------|------------------------|------|-----|------|-------|
| Passband Frequency range |                        | 1460 |     | 1530 | MHz   |
| Band Width               |                        |      |     | 70   | MHz   |
| Passband Insertion Loss  |                        |      |     | 1.0  | dB    |
| Pass Band Ripple         |                        |      |     | 0.9  | dB    |
| VSWR                     |                        |      |     | 1.5  | :1    |
| Rejection                | 1365-1400&1590-1615MHz | 47   |     |      | dB    |
|                          | DC-1365&1615-6500MHz   | 60   |     |      | dB    |
| Power Handling           |                        |      |     | 15   | W     |
| Impedance                |                        | 50   |     |      | Ohms  |

#### Envrionmental And Physical Characteristics:

| Description          | Parameter  | Units |
|----------------------|------------|-------|
| Operating Temerature | -40 To +70 | °C    |
| Connectors           | SMA Female |       |
| Size                 | 36*56*100  | mm    |

## Outline Drawing:

Unit:mm



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

## Ordering Information:

| Base Number         | Description                                                                                                  | Revision |
|---------------------|--------------------------------------------------------------------------------------------------------------|----------|
| TLBF-1460M-1530M-2E | Coaxial Band-pass Filter, Passband frequency range: 1460-1530MHz, Passband Insertion Loss: 1.0dB, SMA Female | Rev.1.0  |