

## Coaxial High-pass Filter

### 60-600 MHz/SMA Female

**Model: TLHF-60M-600M-L**

TLHF-60M-600M-L is a coaxial High-pass filter with a passband frequency from 60 to 600 MHz and a rejection frequency at 46 MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

#### Features:

- Passband Frequency Range 60 to 600MHz
- Low Insertion Loss

#### Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

#### Electrical Characteristics:

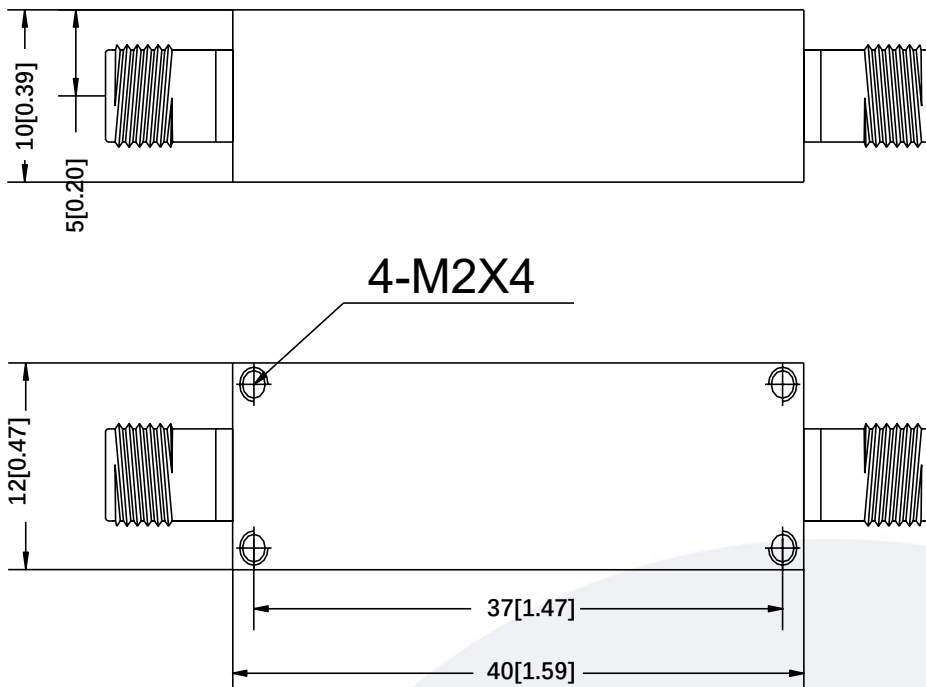
| Parameter                | Min | Typ | Max | Units |
|--------------------------|-----|-----|-----|-------|
| Passband Frequency range | 60  |     | 600 | MHz   |
| Passband Insertion Loss  |     |     | 1.5 | dB    |
| Pass Band Ripple         |     |     | 1.3 | dB    |
| VSWR                     |     |     | 1.4 | :1    |
| Rejection@46MHz          | 40  |     |     | dB    |
| Power Handling           |     |     | 2   | W     |
| Impedance                | 50  |     |     | Ohms  |

#### Envrionmental And Physical Characteristics:

| Description          | Parameter  | Units |
|----------------------|------------|-------|
| Operating Temerature | -40 To +70 | °C    |
| Connectors           | SMA Female |       |
| Size                 | 10*12*40   | mm    |

## Outline Drawing:

Unit:mm

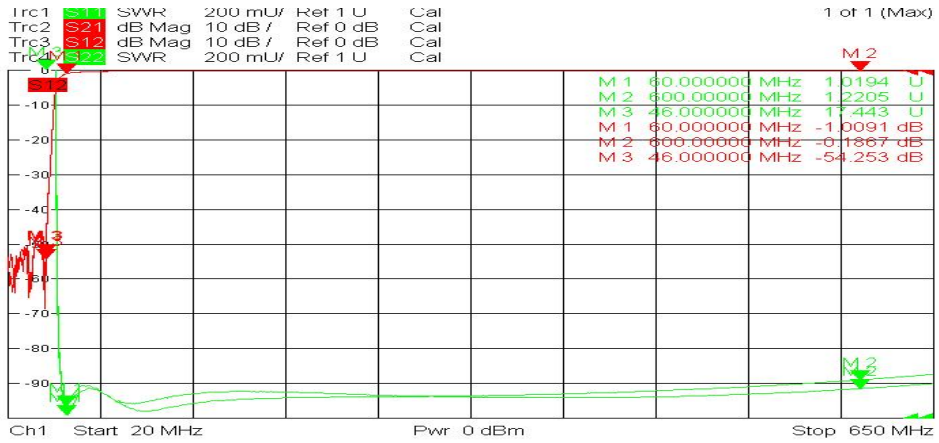


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## Ordering Information:

| Base Number     | Description                                                                                                                         | Revision |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|----------|
| TLHF-60M-600M-L | Coaxial High-pass Filter, Passband frequency range: 60-600MHz, Passband Insertion Loss: 1.5dB, SMA Female Coaxial Fixed Termination | Rev.1.1  |

## 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.