

## Coaxial Band-stop Filter

Stopband: 14-15.3GHz

Model: TLRF-1400M-1530M-S

TLRF-1400M-1530M-S is a coaxial band-stop filter with a stop band frequency from 14 to 15.3GHz and a pass band frequency from 2 to 13.5GHz and 15.8 to 18GHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 30dB.

### Features:

- Stopband Frequency Range 14 to 15.3GHz
- Lower Cost
- High Rejection

### Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

### Electrical Characteristics:

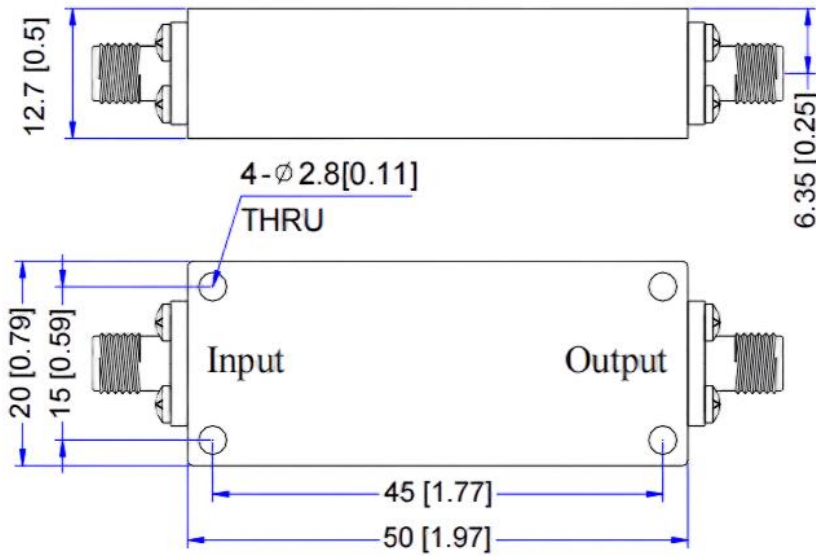
| Parameter                | Min              | Typ | Max  | Units |
|--------------------------|------------------|-----|------|-------|
| Stopband Frequency rang  | 14               |     | 15.3 | GHz   |
| Passband Frequency range | 2-13.5 & 15.8-18 |     |      | GHz   |
| Stopband Rejection       | 30               |     |      | dB    |
| Passband Insertion Loss  |                  |     | 2    | dB    |
| Passband Ripple          |                  |     | 2    | dB    |
| Passband VSWR            |                  |     | 2    | :1    |
| Power Handling           |                  |     | 20   | W     |
| Impedance                |                  | 50  |      | Ohms  |

### Envrionmental And Physical Characteristics:

| Description               | Parameter             | Units |
|---------------------------|-----------------------|-------|
| Operating Temperature     | -40 to +70            | °C    |
| 输入Input /Output Connector | SMA Female/SMA Female |       |
| Size                      | 50*20*12              | mm    |

Outline Drawing:

Unit:mm



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

Ordering Information:

| Base Number        | Description                                                                                                  | Revision |
|--------------------|--------------------------------------------------------------------------------------------------------------|----------|
| TLRF-1400M-1530M-S | Coaxial Band-stop Filter, Stopband: 14-15.3GHz, Passband: 2-13.5GHz&15.8-18GHz, Stopband rejection: 30dB Min | Rev.1.0  |