

## Coaxial Band-stop Filter

Stopband: 12.2-12.75GHz

Model: TLRF-12G2-12G75-S

TLRF-12G2-12G75-S is a coaxial band-stop filter with a stop band frequency from 12.2 to 12.75GHz and a pass band frequency from 6 to 11.675GHz and 13.275 to 18GHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 55 dB.

### Features:

- Stopband Frequency Range 12.2 to 12.75GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

### Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

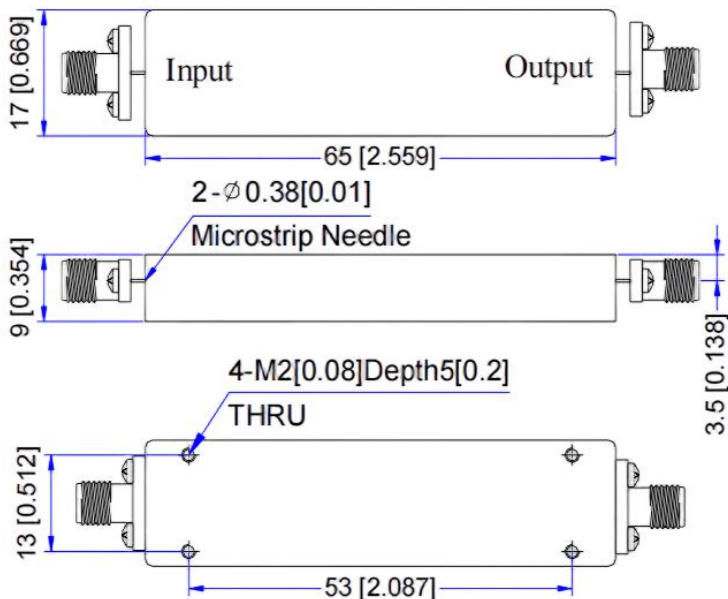
### 电气特性 Electrical Characteristics:

| 参数 Parameter                    | Min                  | Typ | Max   | 单位 Units |
|---------------------------------|----------------------|-----|-------|----------|
| 阻带频率范围 Stopband Frequency rang  | 12.2                 |     | 12.75 | GHz      |
| 通带频率范围 Passband Frequency range | 6-11.675 & 13.275-18 |     |       | GHz      |
| 阻带抑制 Stopband Rejection         | 55                   |     |       | dB       |
| 通带插损 Passband Insertion Loss    |                      |     | 1.5   | dB       |
| 3dB带宽 3dB Bandwidth             |                      | 1.6 |       | GHz      |
| 通带驻波 Passband VSWR              |                      |     | 2     | :1       |
| 耐功率 Power Handling              |                      |     | 20    | W        |
| 阻抗 Impedance                    |                      | 50  |       | Ohms     |

### 环境和机械特性 Envirionmental And Physical Characteristics:

| 类型 Description                  | 参数 Parameter                         | 单位 Units |
|---------------------------------|--------------------------------------|----------|
| 操作温度 Operating Temperature      | -55 to +85                           | °C       |
| 输入/输出接口 Input /Output Connector | Drop in 0.38mm(SMA-Female removable) |          |
| 尺寸 Size                         | 65*17*9                              | mm       |

**外形图 Outline Drawing:** Unit:mm



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

**订货信息 Ordering Information:**

| 标准型号 Base Number  | 描述 Description                                                                                                      | 版本号 Revision |
|-------------------|---------------------------------------------------------------------------------------------------------------------|--------------|
| TLRF-12G2-12G75-S | Coaxial Band-stop Filter, Stopband: 12.2-12.75GHz, Passband: 6-11.675GHz&13.275-18GHz, Stopband rejection: 55dB Min | Rev.1.0      |