泰莱微波 Talent Microwave

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# Coaxial Band-stop Filter

## Stopband: 3700-3980MHz

## Model: TLRF-3700M-3980M-S

TLRF-3700M-3980M-S is a coaxial band-stop filter with a stop band frequency from 3700 to 3980MHz and a pass band frequency from DC to 3600MHz and 4100 to 8000MHz. The maximum insertion loss of the filter is 2.5 dB and the minimum rejection is 50 dB.

### Features:

- Stopband Frequency Range 3300 to 3800MHz
- 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 | 3700 | | 3980 | MHz |
| 通带频率范围 Passband Frequency range | DC-3600 & 4100-8000 | | | MHz |
| 阻带抑制 Stopband Rejection | 50 | | | dB |
| 通带插损 Passband Insertion Loss | | | 2.5 | dB |
| 通带回波损耗 Passband Return Loss | | | -12 | dB |
| 耐功率 Power Handling | | | 5 | W |
| 阻抗 Impedance | | 50 | | Ohms |

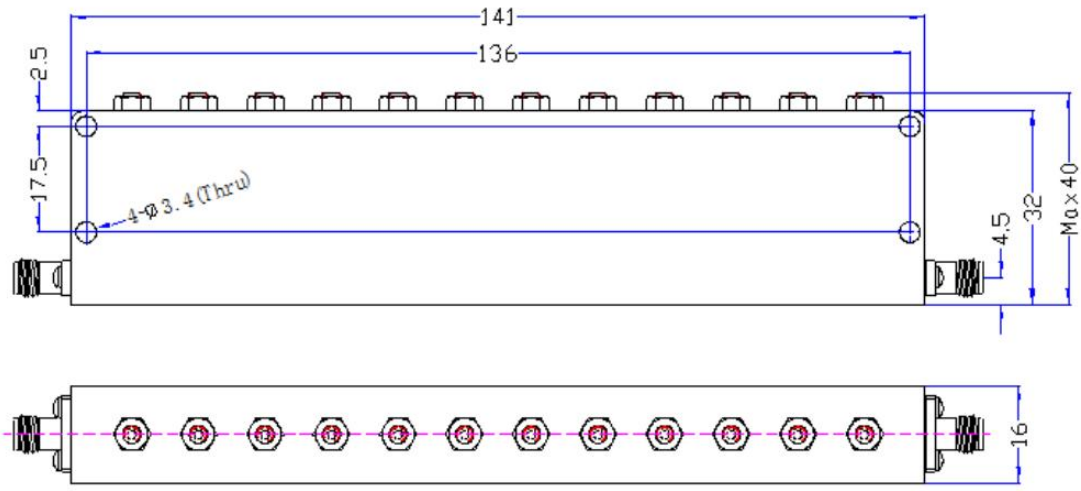
### 环境和机械特性 Envrionmental And Physical Characteristics:

| 参数 Parameter | 指标 Value | 单位 Units |
|---|---|---|
| 输入/输出接口 Input /Output Connector | SMA Female/SMA Female | |
| 尺寸 Size | 141*32*16 | mm |

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## 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-3700M-3980M-S | Coaxial Band-stop Filter,Stopband: 3700-3980MHz,Passband: DC-3600MHz&4100-8000MHz, Stopband rejection:50dB Min | Rev.1.0 |