

## Coaxial Band-stop Filter

**Stopband: 4000-4200MHz**

**Model:TLRF-4000M-4200M-E**

TLRF-4000M-4200M-E is a coaxial band-stop filter with a stop band frequency from 4000 to 4200MHz and a pass band frequency from DC to 3900MHz and 4300 to 6500MHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 50 dB.

### Features:

- Stopband Frequency Range 4000 to 4200MHz
- Lower Cost
- High Rejection

### Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

### Electrical Characteristics:

| Parameter                | Min                 | Typ | Max  | Units |
|--------------------------|---------------------|-----|------|-------|
| Stopband Frequency rang  | 4000                |     | 4200 | MHz   |
| Passband Frequency range | DC-3900 & 4300-6500 |     |      | MHz   |
| Stopband Rejection       | 50                  |     |      | dB    |
| Passband Insertion Loss  |                     |     | 3    | dB    |
| Passband VSWR            |                     |     | 1.8  | :1    |
| Power Handling           |                     |     | 5    | W     |
| Impedance                |                     | 50  |      | Ohms  |

### Envrionmental And Physical Characteristics:

| Description             | Parameter             | Units |
|-------------------------|-----------------------|-------|
| Operating Temperature   | -20 to +60            | °C    |
| Input /Output Connector | SMA Female/SMA Female |       |
| Size                    |                       | mm    |

Outline Drawing:

Unit:mm



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

Ordering Information:

| Base Number        | Description                                                                                                       | Revision |
|--------------------|-------------------------------------------------------------------------------------------------------------------|----------|
| TLRF-4000M-4200M-E | Coaxial Band-stop Filter,Stopband: 4000-4200MHz,Passband:<br>DC-3900MHz&4300-6500MHz, Stopband rejection:50dB Min | Rev.1.0  |