

## Coaxial Band-stop Filter

Stopband: 2090-2170MHz

Model: TLRf-2090M-2170M-E

TLRF-2090M-2170M-E is a coaxial band-stop filter with a stop band frequency from 2090 to 2170 MHz and a pass band frequency from DC to 2070MHz and 2190 to 6000MHz. The maximum insertion loss of the filter is 3 dB and the minimum rejection is 45 dB.

### Features:

- Stopband Frequency Range 2090 to 2170MHz
- Lower Cost
- High Rejection

### Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

### Electrical Characteristics:

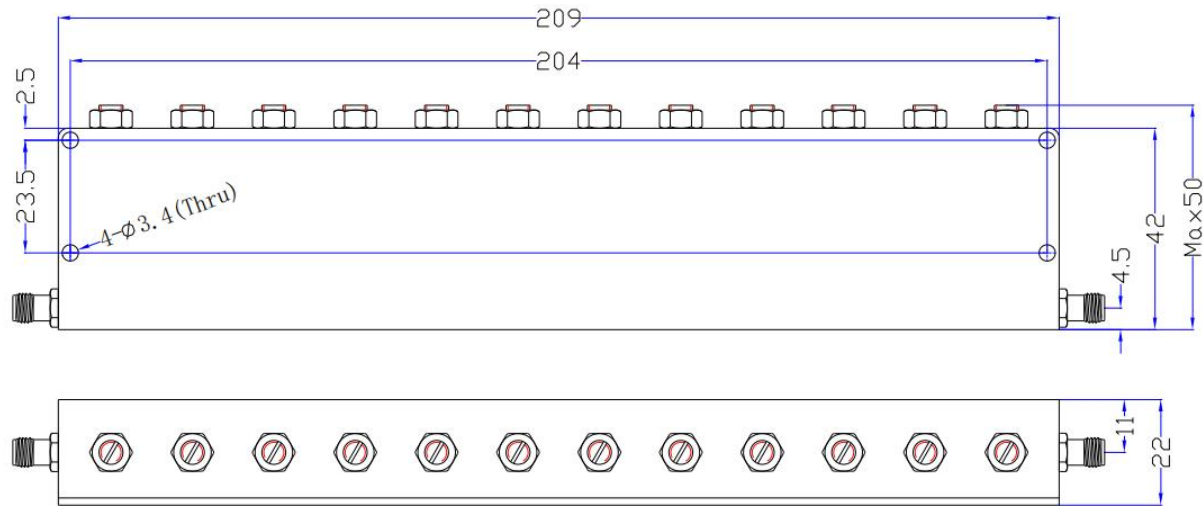
| Parameter                | Min                 | Typ | Max  | Units |
|--------------------------|---------------------|-----|------|-------|
| Stopband Frequency rang  | 2090                |     | 2170 | MHz   |
| Passband Frequency range | DC-2070 & 2190-6000 |     |      | MHz   |
| Stopband Rejection       | 45                  |     |      | dB    |
| Passband Insertion Loss  |                     |     | 3    | dB    |
| Passband VSWR            |                     |     | 1.5  | :1    |
| Power Handling           |                     |     | 30   | W     |
| Impedance                |                     | 50  |      | Ohms  |

### Envrionmental And Physical Characteristics:

| Description             | Parameter             | Units |
|-------------------------|-----------------------|-------|
| Operating Temperature   | 0 to +50              | °C    |
| Input /Output Connector | SMA-Female/SMA-Female |       |
| Size                    | 209*42*22             | mm    |

Outline Drawing:

Unit:mm



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

Ordering Information:

| Base Number        | Description                                                                                                       | Revision |
|--------------------|-------------------------------------------------------------------------------------------------------------------|----------|
| TLRF-2090M-2170M-E | Coaxial Band-stop Filter, Stopband: 2090-2170MHz, Passband: DC-2070MHz&2190-6000MHz, Stopband rejection: 45dB Min | Rev.1.0  |