

# Drop in Circulator 8.0 ~ 12.0GHz

## Application

- ▶ RF power amplifier protection.
- ▶ Medical, Communication, Security.
- ▶ Digital, Satellite, Mobile Communication.
- ▶ Military, Space and Commercial applications.

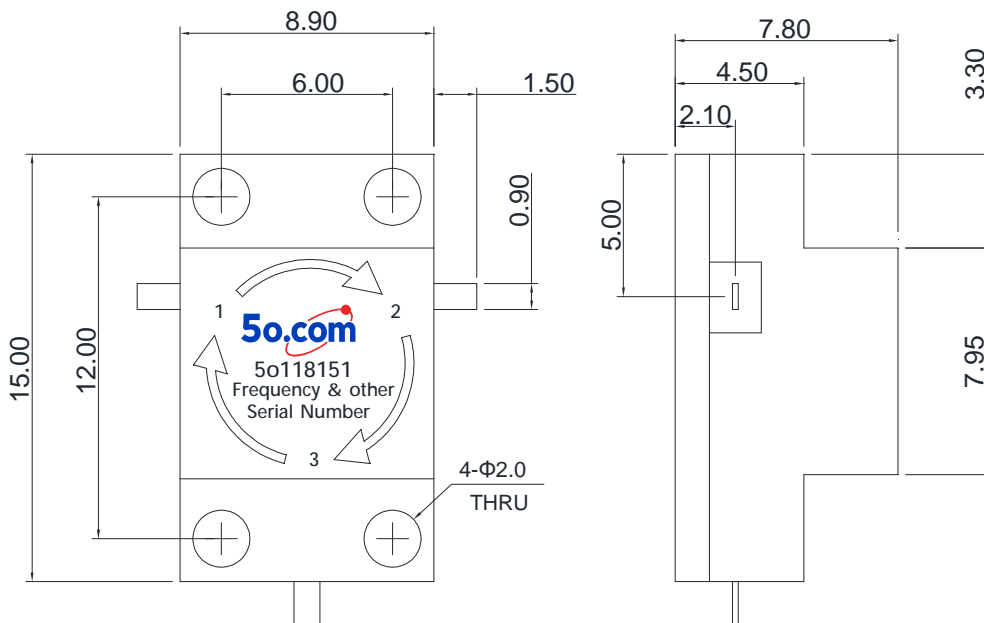
## RF Characteristics

| Part Number | Frequency Range (GHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type |
|-------------|-----------------------|-------------------|----------|------------------------|----------------|
| 5o118151812 | 8.0 ~ 12.0            | 18                | 1.3      | 0.5                    | TAB            |

## Basic Specifications

|               |              |                       |             |
|---------------|--------------|-----------------------|-------------|
| Dimension     | 8.9*15*7.8mm | Impedance             | 50Ω         |
| Forward Power | 30W          | Operating Temperature | -55 ~ +85°C |
| Reverse Power | 30W          | Storage Temperature   | -55~+125°C  |

## Overall Dimension(mm)



## Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ It can be dual junction or multiple for high isolation.
- ◆ Installing the embedded isolator/circulator, please use stainless steel or brass screws.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.