

# Surface Mount Circulator 2.4 ~ 6.0GHz

## Application

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

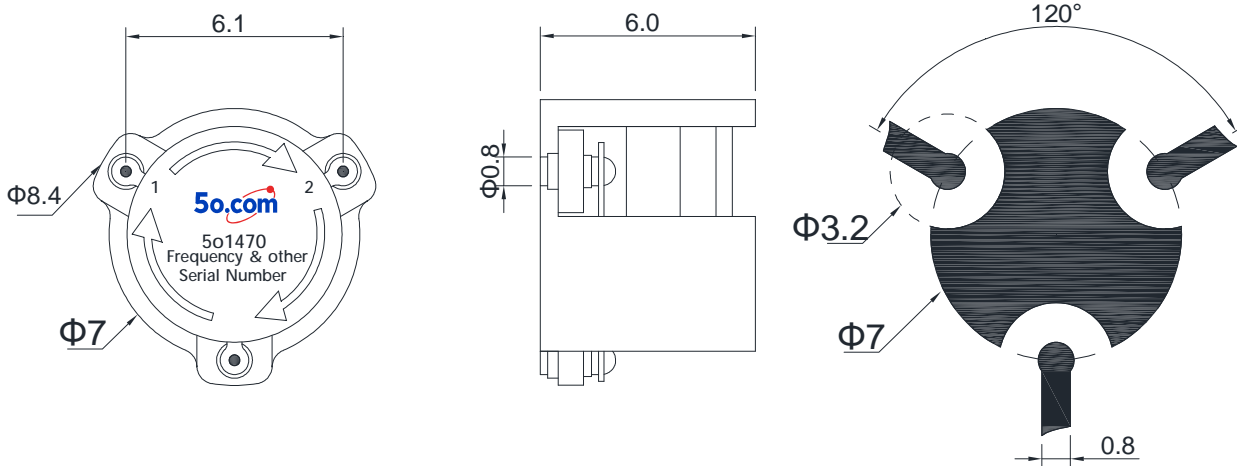
## RF Characteristics

| Part Number   | Frequency Range (GHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type |
|---------------|-----------------------|-------------------|----------|------------------------|----------------|
| 5o14702496269 | 2.496 ~ 2.69          | 20                | 1.22     | 0.35                   | SMT            |
| 5o14703336    | 3.3 ~ 3.6             | 20                | 1.22     | 0.35                   | SMT            |
| 5o14703338    | 3.4 ~ 3.6             | 20                | 1.22     | 0.35                   | SMT            |
|               | 3.3 ~ 3.8             | 16                | 1.4      | 0.5                    |                |
| 5o1470485     | 4.8 ~ 5.0             | 20                | 1.22     | 0.35                   | SMT            |
| 5o1470555     | 5.0 ~ 5.5             | 20                | 1.22     | 0.35                   | SMT            |
| 5o1470556     | 5.5 ~ 6.0             | 20                | 1.22     | 0.35                   | SMT            |

## Basic Specifications

|               |         |                       |              |
|---------------|---------|-----------------------|--------------|
| Dimension     | Φ 7*6mm | Impedance             | 50Ω          |
| Forward Power | 15W     | Operating Temperature | -40 ~ +105°C |
| Reverse Power | 15W     | Storage Temperature   | -55~+125°C   |

## Overall Dimension(mm)



Recommended Land Pattern

Tolerances: ±2% unless otherwise stated.

## Instructions

- ◆ When surface mount isolators/circulators use reflow soldering technology, the maximum temperature shall not exceed 260 degrees.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.