

# Drop in Isolator 1.85 ~ 3.8GHz

## Application

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

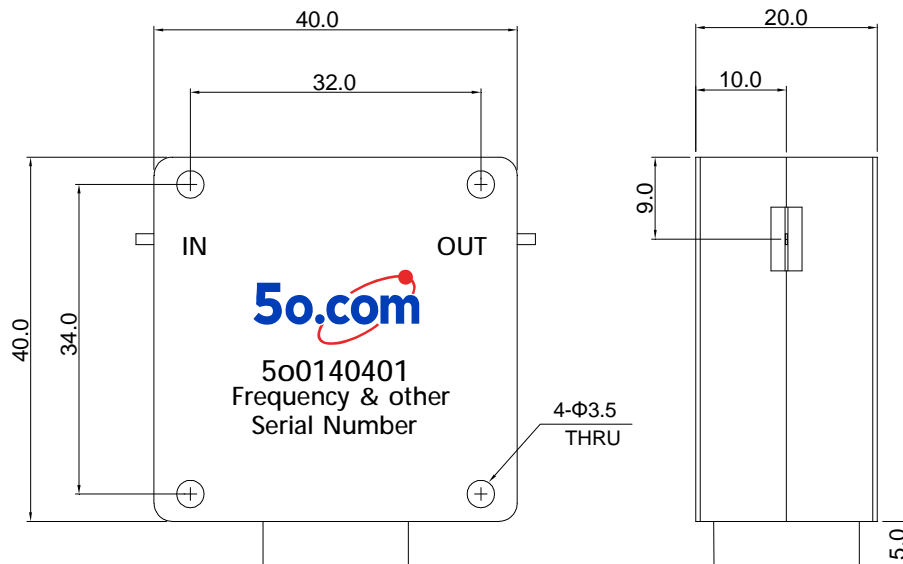
## RF Characteristics

| Part Number    | Frequency Range (GHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type | Temp.(°C) |
|----------------|-----------------------|-------------------|----------|------------------------|----------------|-----------|
| 5o014040118538 | 1.85 ~ 3.8            | 17                | 1.35     | 0.7                    | TAB            | 0 ~ +70   |

## Basic Specifications

|               |            |                       |            |
|---------------|------------|-----------------------|------------|
| Dimension     | 40*40*20mm | Impedance             | 50Ω        |
| Forward Power | 100W       | Operating Temperature | 0 ~ +70°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.