

## Drop in Isolator 60 ~ 200MHz

### Application

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

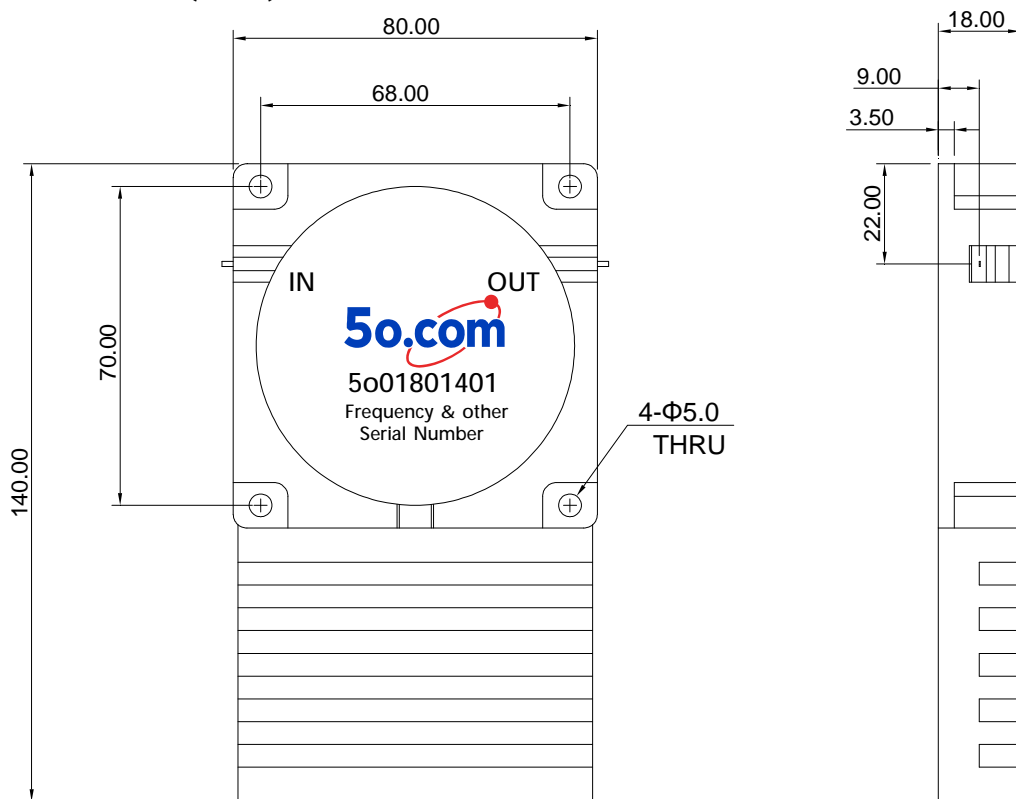
### RF Characteristics

| Part Number      | Frequency Range (MHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type | Temp.(°C) |
|------------------|-----------------------|-------------------|----------|------------------------|----------------|-----------|
| 5o018014016265   | 62 ~ 65               | 16                | 1.4      | 1.5                    | TAB            | 0 ~ +70   |
| 5o018014017075   | 70 ~ 75               | 18                | 1.3      | 1.2                    | TAB            | 0 ~ +70   |
| 5o018014017580   | 75 ~ 80               | 18                | 1.3      | 0.9                    | TAB            | 0 ~ +70   |
| 5o018014018125   | 81.25                 | 20                | 1.25     | 0.6                    | TAB            | 0 ~ +70   |
| 5o018014018090   | 80 ~ 90               | 18                | 1.3      | 0.8                    | TAB            | 0 ~ +70   |
| 5o018014018595   | 85 ~ 95               | 18                | 1.3      | 0.7                    | TAB            | 0 ~ +70   |
| 5o01801401108118 | 108 ~ 118             | 18                | 1.3      | 0.5                    | TAB            | 0 ~ +70   |
| 5o01801401118137 | 118 ~ 137             | 18                | 1.3      | 0.5                    | TAB            | 0 ~ +70   |
| 5o01801401130150 | 130 ~ 150             | 20                | 1.25     | 0.5                    | TAB            | 0 ~ +70   |
| 5o01801401148174 | 148 ~ 174             | 20                | 1.25     | 0.5                    | TAB            | 0 ~ +70   |
| 5o018014011625   | 162.5                 | 25                | 1.15     | 0.2                    | TAB            | 0 ~ +70   |

## Basic Specifications

|                      |                    |                              |                   |
|----------------------|--------------------|------------------------------|-------------------|
| <b>Dimension</b>     | <b>80*140*18mm</b> | <b>Impedance</b>             | <b>50Ω</b>        |
| <b>Forward Power</b> | <b>500W</b>        | <b>Operating Temperature</b> | <b>0 ~ +70°C</b>  |
| <b>Reverse Power</b> | <b>250W</b>        | <b>Storage Temperature</b>   | <b>-55~+125°C</b> |

## Overall Dimension(mm)



## Instructions

Tolerances:  $\pm 2\%$  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.