

## Drop in Circulator 5.0 ~ 25.0GHz

### Application

- ▶ RF power amplifier protection.
- ▶ Digital, Satellite, Mobile Communication.

- ▶ Medical, Communication, Security.
- ▶ Military, Space and Commercial applications.

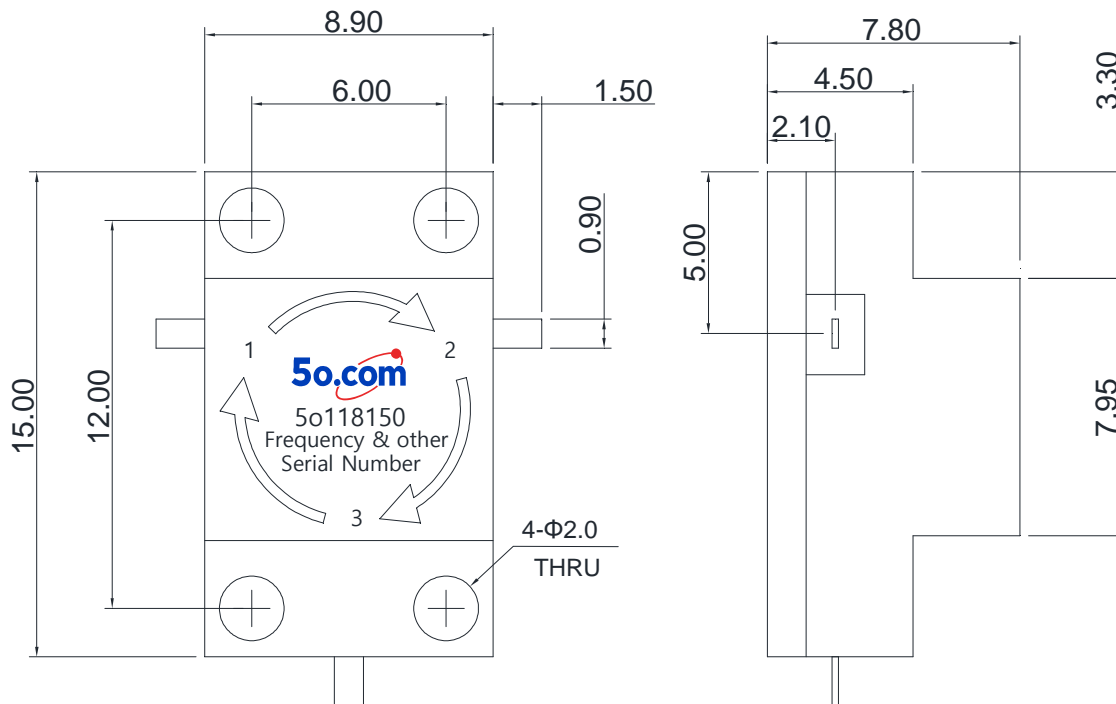
### RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o118150555	5.0 ~ 5.5	18	1.3	0.5	TAB	-40 ~ +85
5o1181505458	5.4 ~ 5.8	18	1.3	0.5	TAB	-40 ~ +85
5o1181505759	5.7 ~ 5.9	20	1.25	0.35	TAB	-40 ~ +85
5o1181505862	5.8 ~ 6.2	20	1.25	0.5	TAB	-40 ~ +85
5o11815068	6.0 ~ 8.0	18	1.3	0.6	TAB	-40 ~ +85
5o11815079	7.0 ~ 9.0	18	1.3	0.5	TAB	-40 ~ +85
5o1181507195	7.1 ~ 9.5	18	1.3	0.6	TAB	-55 ~ +85
5o1181507984	7.9 ~ 8.4	23	1.2	0.3	TAB	-55 ~ +85
5o118150812	8.0 ~ 12.0	18	1.3	0.5	TAB	-55 ~ +85
5o1181508595	8.5 ~ 9.5	23	1.2	0.3	TAB	-55 ~ +85
5o118150910	9.0 ~ 10.0	23	1.2	0.3	TAB	-55 ~ +85
5o1181501011	10.0 ~ 11.0	23	1.2	0.3	TAB	-55 ~ +85
5o1181501013	10.0 ~ 13.0	20	1.25	0.5	TAB	-55 ~ +85
5o1181501015	10.0 ~ 15.0	18	1.35	0.5	TAB	-55 ~ +85
5o118150115185	11.5 ~ 18.5	16	1.45	0.7	TAB	-55 ~ +85
5o1181501218	12.0 ~ 18.0	18	1.35	0.6	TAB	-55 ~ +85
5o1181501375145	13.75 ~ 14.5	23	1.2	0.3	TAB	-55 ~ +85
5o118150138178	13.8 ~ 17.8	18	1.3	0.5	TAB	-55 ~ +85
5o118150155165	15.5 ~ 16.5	20	1.25	0.5	TAB	-55 ~ +85
5o1181501618	16.0 ~ 18.0	20	1.25	0.6	TAB	-55 ~ +85
5o1181501820	18.0 ~ 20.0	20	1.25	0.6	TAB	-55 ~ +85
5o118150192212	19.2 ~ 21.2	18	1.3	0.6	TAB	-55 ~ +85
5o1181502123	21.0 ~ 23.0	18	1.3	0.6	TAB	-55 ~ +85

## Basic Specifications

Dimension	8.9*15*7.8mm	Impedance	50Ω
Forward Power	65W	Operating Temperature	-55 ~ +85°C
Reverse Power	65W	Storage Temperature	-55~+125°C

## 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.