

# Microstrip Isolator 6.0 ~ 18.0GHz

## Application

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

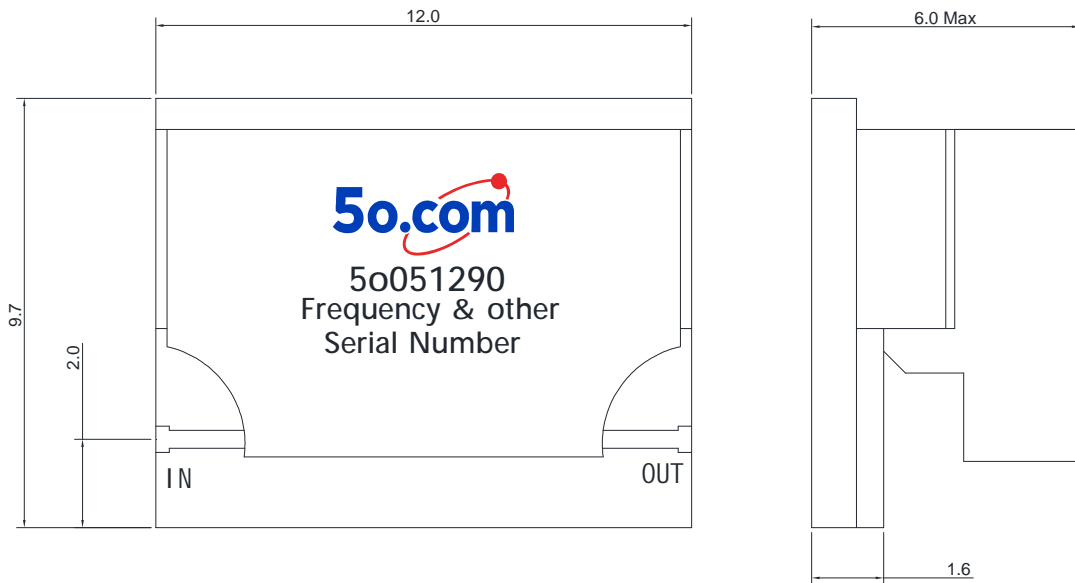
## RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o051290618	6.0 ~ 18.0	14	1.7	1.0	Microstrip	25±5
				1.3		-55 ~ +85
5o051290818	8.0 ~ 18.0	15	1.6	1.0	Microstrip	-55 ~ +85

## Basic Specifications

Dimension	12*9.7*6mm	Impedance	50Ω
Forward Power	16W	Operating Temperature	-55 ~ +85°C
Reverse Power	2W	Storage Temperature	-55~+125°C

## Overall Dimension(mm)



## Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ The microstrip isolator/circulator is installed via gold wire bonding.
- ◆ Avoid strong magnetic fields near the product during installation/use, as they may alter the bias magnetic field and affect performance.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.