

# Microstrip Isolator 31.0 ~ 40.0GHz

## Application

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

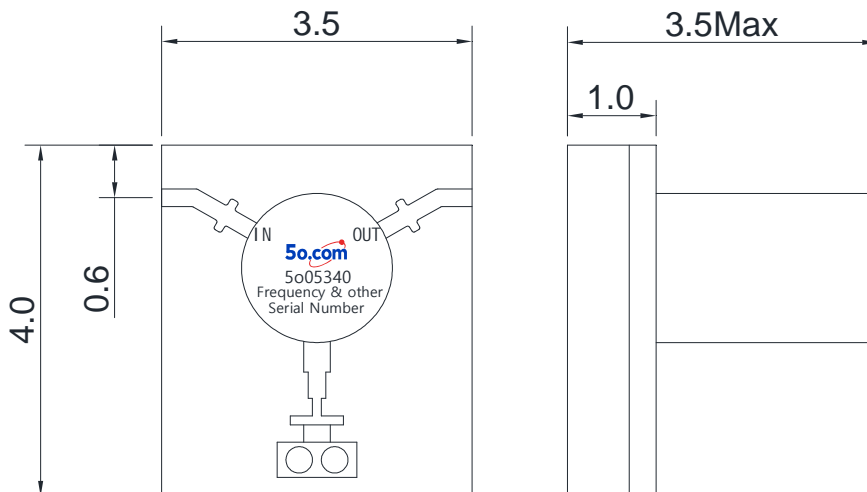
## RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type
5o053403139	31.0 ~ 39.0	14	1.4	1.0	Microstrip
5o053403140	31.0 ~ 40.0	14	1.5	1.2	Microstrip
5o053403238	32.0 ~ 38.0	14	1.4	1.0	Microstrip
5o053403240	32.0 ~ 40.0	14	1.4	1.0	Microstrip
5o053403337	33.0 ~ 37.0	14	1.4	1.0	Microstrip
5o053403540	35.0 ~ 40.0	14	1.4	1.0	Microstrip

## Basic Specifications

Dimension	3.5*4*3.5mm	Impedance	50Ω
Forward Power	2W	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.