

Microstrip Isolator 37.0 ~ 43.0GHz

Application

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

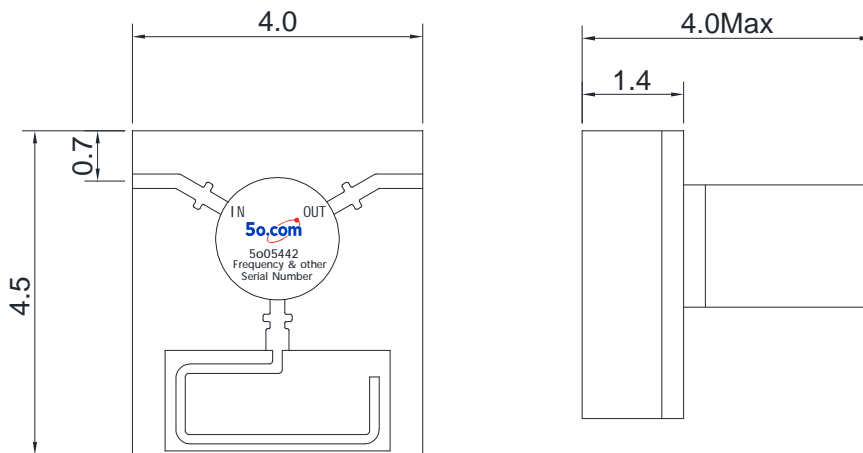
RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type
5o054423743	37.0~ 43.0	14	1.5	1.4	Microstrip
5o054423843	38.0~ 43.0	14	1.5	1.4	Microstrip

Basic Specifications

Dimension	4*4.5*4mm	Impedance	50Ω
Forward Power	2W (Pules 100us DC 20%)	Operating Temperature	-55 ~ +85°C
Reverse Power	2W (Pules 100us DC 20%)	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.