

Surface Mount Circulator 4.8 ~ 12.0GHz

Application

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

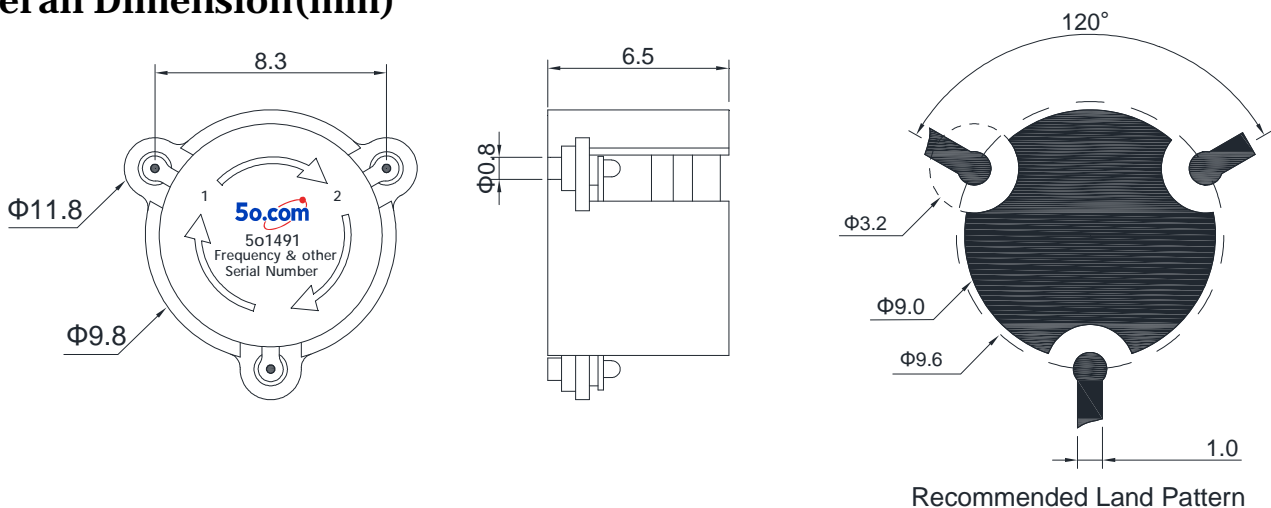
RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o14914858	4.8 ~ 5.8	18	1.3	0.5	SMT	-20 ~ +60
5o14914959	4.9 ~ 5.9	18	1.3	0.5	SMT	-20 ~ +60
5o1491555	5.0 ~ 5.5	20	1.25	0.4	SMT	-20 ~ +60
5o149156	5.0 ~ 6.0	18	1.3	0.5	SMT	-20 ~ +60
5o1491556	5.5 ~ 6.0	20	1.25	0.4	SMT	-20 ~ +60
5o149167	6.0 ~ 7.0	18	1.3	0.5	SMT	-20 ~ +60
5o14917984	7.9 ~ 8.4	20	1.25	0.4	SMT	-40 ~ +85
5o14918595	8.5 ~ 9.5	20	1.25	0.4	SMT	-40 ~ +85
5o149187105	8.7 ~ 10.5	18	1.3	0.5	SMT	-20 ~ +60
5o1491910	9.0 ~ 10.0	20	1.25	0.4	SMT	-40 ~ +85
5o149110105	10.0 ~ 10.5	20	1.25	0.4	SMT	-40 ~ +85

Basic Specifications

Dimension	Φ9*6.5mm	Impedance	50Ω
Forward Power	30W	Operating Temperature	-40 ~ +85°C
Reverse Power	30W	Storage Temperature	-55~+125°C

Overall Dimension(mm)



Recommended Land Pattern

Tolerances: ±2% unless otherwise stated.

Instructions

- ◆ When surface mount isolators/circulators use reflow soldering technology, the maximum temperature shall not exceed 260 degrees.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.