

Surface Mount Circulator 0.70 ~ 10.0GHz

Application

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

RF Characteristics

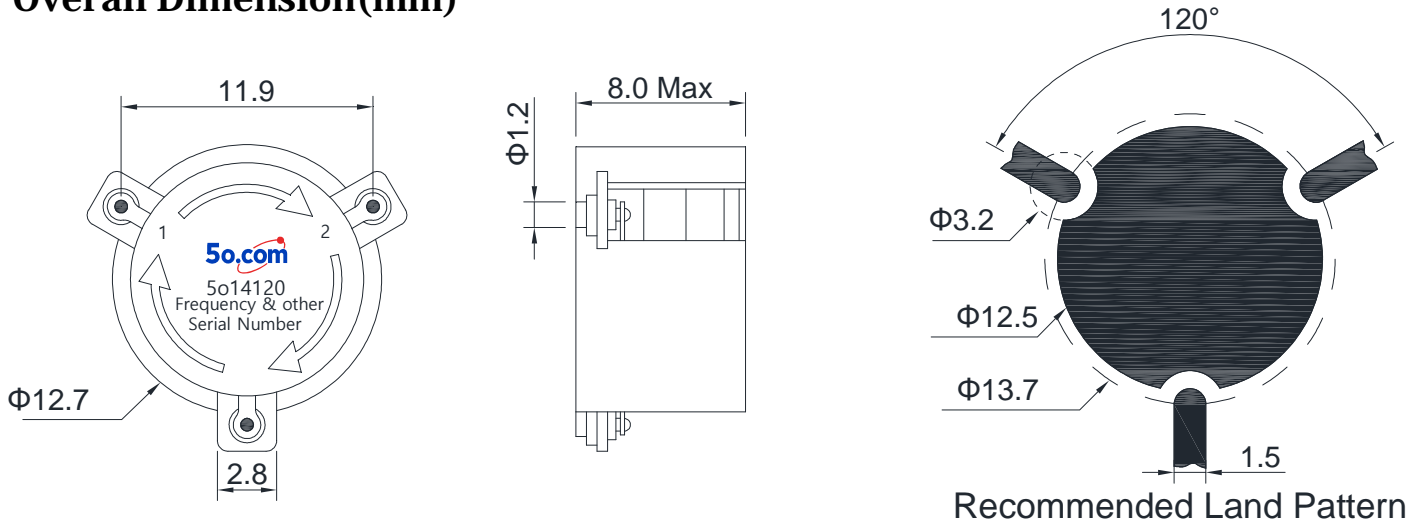
Part Number	Frequency Range (MHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type
5o14120703748	703 ~ 748	16	1.4	0.7	SMT
5o14120758803	758 ~ 803	16	1.4	0.6	SMT
5o14120791862	791 ~ 862	16	1.4	0.7	SMT
5o14120824894	824 ~ 894	18	1.3	0.55	SMT
5o14120880960	880 ~ 960	16	1.3	0.5	SMT
5o141209901130	990 ~ 1130	15	1.5	0.7	SMT
5o1412012301350	1230 ~ 1350	18	1.3	0.4	SMT
5o1412013301390	1330 ~ 1390	20	1.25	0.4	SMT
5o1412014271517	1427 ~ 1517	20	1.25	0.4	SMT
5o1412015651585	1565 ~ 1585	23	1.2	0.3	SMT
5o1412016161620	1616 ~ 1620	23	1.2	0.3	SMT
5o1412017101785	1710 ~ 1785	23	1.2	0.3	SMT
5o1412018051880	1805 ~ 1880	23	1.2	0.3	SMT
5o1412018052170	1805 ~ 2170	18	1.3	0.5	SMT
5o1412019201990	1920 ~ 1990	23	1.2	0.3	SMT
5o1412021102170	2110 ~ 2170	23	1.2	0.3	SMT
5o1412023002500	2300 ~ 2500	23	1.2	0.3	SMT
5o1412024002600	2400 ~ 2600	23	1.2	0.3	SMT
5o1412024962690	2496 ~ 2690	23	1.2	0.3	SMT
5o1412025002700	2500 ~ 2700	23	1.2	0.3	SMT
5o1412027003100	2700 ~ 3100	21	1.25	0.4	SMT
5o1412029003300	2900 ~ 3300	20	1.25	0.4	SMT
5o141203136	3100 ~ 3600	20	1.25	0.4	SMT
5o141203336	3300 ~ 3600	23	1.2	0.3	SMT
5o141203742	3700 ~ 4200	23	1.2	0.3	SMT
5o141204244	4200 ~ 4400	21	1.2	0.3	SMT
5o14120445	4400 ~ 5000	20	1.25	0.4	SMT
5o14120485	4800 ~ 5000	23	1.2	0.3	SMT
5o14120555	5000 ~ 5500	23	1.2	0.3	SMT

5o1412056	5000 ~ 6000	19	1.25	0.4	SMT
5o14120556	5500 ~ 6000	23	1.2	0.3	SMT
5o141205862	5800 ~ 6200	20	1.25	0.4	SMT
5o141206268	6200 ~ 6800	20	1.25	0.4	SMT
5o14120657	6500 ~ 7000	20	1.25	0.4	SMT
5o1412078	7000 ~ 8000	20	1.25	0.4	SMT
5o141207984	7900 ~ 8400	20	1.25	0.4	SMT
5o141208595	8500 ~ 9500	20	1.25	0.4	SMT
5o14120910	9000 ~ 10000	20	1.25	0.4	SMT

Basic Specifications

Dimension	$\Phi 12.7*8\text{mm}$	Impedance	50Ω
Forward Power	30W	Operating Temperature	$-40 \sim +85^{\circ}\text{C}$
Reverse Power	30W	Storage Temperature	$-55 \sim +125^{\circ}\text{C}$

Overall Dimension(mm)



Tolerances: $\pm 2\%$ 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.