

400 to 4200MHz – Surface Mount Circulator

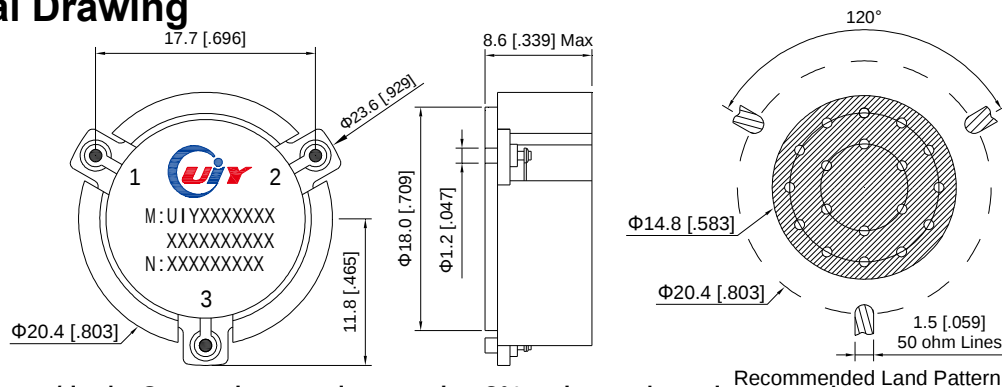
Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYSC20A400T420	400 ~ 420	0.7	16	1.4	60	60	SMT	-40 ~ +85
UIYSC20A430T450	430 ~ 450	0.5	18	1.3	60	60	SMT	-40 ~ +85
UIYSC20A450T470	450 ~ 470	0.5	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A470T490	470 ~ 490	0.5	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A490T510	490 ~ 510	0.5	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A700T800	700 ~ 800	0.5	18	1.3	60	60	SMT	-40 ~ +85
UIYSC20A825T865	825 ~ 865	0.35	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A860T960	860 ~ 960	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A869T894	869 ~ 894	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A880T960	880 ~ 960	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A902T928	902 ~ 928	0.25	25	1.15	60	60	SMT	-40 ~ +85
UIYSC20A925T960	925 ~ 960	0.25	25	1.15	60	60	SMT	-40 ~ +85
UIYSC20A1000T1200	1000 ~ 1200	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A1450T1550	1450 ~ 1550	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1710T2170	1710 ~ 2170	0.5	18	1.3	60	60	SMT	-40 ~ +85
UIYSC20A1715T1805	1715 ~ 1805	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1805T1880	1805 ~ 1880	0.25	25	1.15	60	60	SMT	-40 ~ +85
UIYSC20A1920T1990	1920 ~ 1990	0.25	25	1.15	60	60	SMT	-40 ~ +85
UIYSC20A2110T2170	2110 ~ 2170	0.25	25	1.15	60	60	SMT	-40 ~ +85
UIYSC20A2000T2700	2000 ~ 2700	0.5	18	1.3	60	60	SMT	-40 ~ +85
UIYSC20A2200T2300	2200 ~ 2300	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2400T2500	2400 ~ 2500	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2496T2690	2496 ~ 2690	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2500T2600	2500 ~ 2600	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2700T3100	2700 ~ 3100	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A3000T3500	3000 ~ 3500	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A3300T3700	3300 ~ 3700	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A3700T4200	3700 ~ 4200	0.4	20	1.25	60	60	SMT	-40 ~ +85

Mechanical Drawing



Unit: mm/ inch, General part tolerance is $\pm 2\%$ unless otherwise stated.

Ver. 5.5