

450 to 4200MHz – Surface Mount Circulator

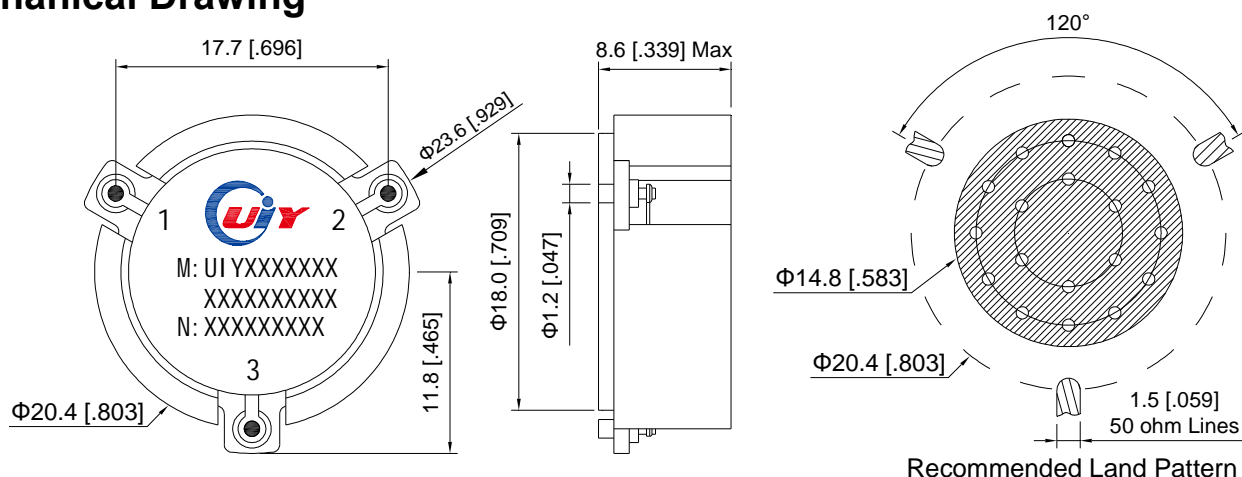
Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

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)
UIYSC20A 450T470	450 ~ 470	0.8	18	1.3	60	60	SMT	-30 ~ +70
UIYSC20A 470T490	470 ~ 490	0.6	18	1.3	60	60	SMT	-30 ~ +70
UIYSC20A 490T510	490 ~ 510	0.6	18	1.3	60	60	SMT	-30 ~ +70
UIYSC20A 700T800	700 ~ 800	0.6	18	1.3	60	60	SMT	-30 ~ +70
UIYSC20A825T865	825 ~ 865	0.35	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A 840T845	840 ~ 845	0.3	21	1.2	60	60	SMT	-40 ~ +85
UIYSC20A860T960	860 ~ 960	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A869T894	869 ~ 894	0.35	21	1.2	60	60	SMT	-40 ~ +85
UIYSC20A880T915	880 ~ 915	0.35	21	1.2	60	60	SMT	-40 ~ +85
UIYSC20A902T928	902 ~ 928	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A925T960	925 ~ 960	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1000T1200	1000 ~ 1200	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A1300T1400	1300 ~ 1400	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1450T1550	1450 ~ 1550	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1640T1740	1640 ~ 1740	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1710T1880	1710 ~ 1880	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1715T1805	1715 ~ 1805	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1805T1880	1805 ~ 1880	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1920T1990	1920 ~ 1990	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A1920T2170	1920 ~ 2170	0.35	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A2110T2170	2110 ~ 2170	0.3	23	1.2	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
UIYSC20A2200T2800	2200 ~ 2800	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A2400T2500	2400 ~ 2500	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2500T2600	2500 ~ 2600	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2500T2700	2500 ~ 2700	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A2700T3100	2700 ~ 3100	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A3000T3100	3000 ~ 3100	0.3	23	1.2	60	60	SMT	-40 ~ +85
UIYSC20A3000T3600	3000 ~ 3600	0.5	18	1.3	60	60	SMT	-40 ~ +85
UIYSC20A3100T3500	3100 ~ 3500	0.4	20	1.25	60	60	SMT	-40 ~ +85
UIYSC20A3900T4200	3900 ~ 4200	0.4	20	1.25	60	60	SMT	-40 ~ +85

Mechanical Drawing



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

Ver. 5