

1.2 to 15GHz – Surface Mount Circulator

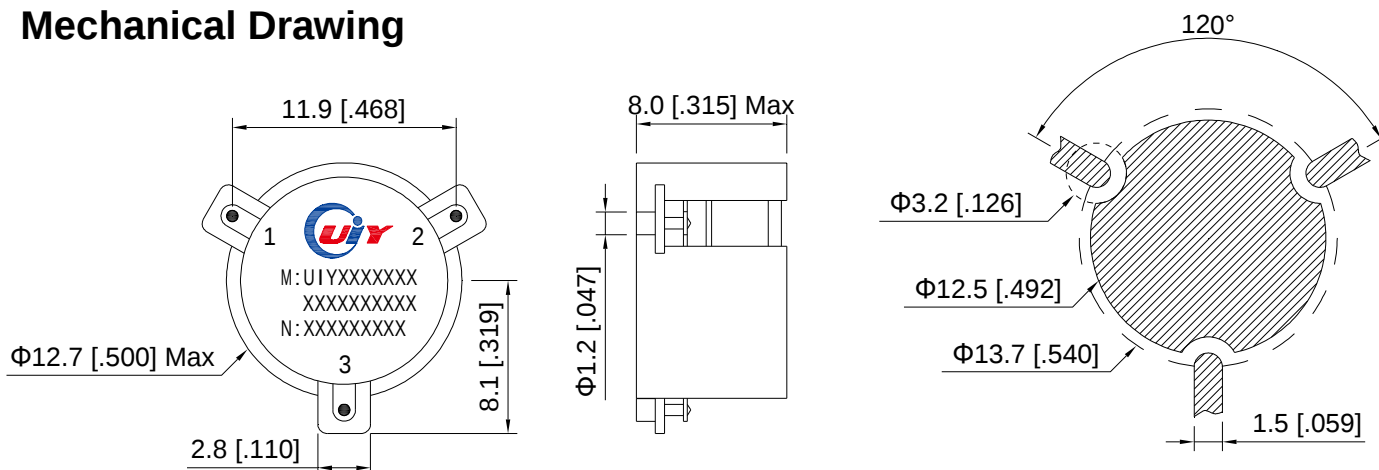
Design Features

- ◆ 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 (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYSC12A1230T1250	1.23 ~ 1.25	0.5	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1330T1390	1.33 ~ 1.39	0.5	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1420T1480	1.42 ~ 1.48	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1550T1620	1.55 ~ 1.62	0.5	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1616T1620	1.616 ~ 1.62	0.45	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1710T1785	1.71 ~ 1.785	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1805T1880	1.805 ~ 1.88	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A1920T1990	1.920 ~ 1.99	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A2110T2170	2.11 ~ 2.17	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A2300T2500	2.3 ~ 2.5	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A2400T2500	2.4 ~ 2.5	0.3	21	1.2	30	30	SMT	-40 ~ +90
UIYSC12A2400T2600	2.4 ~ 2.6	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A2500T2700	2.5 ~ 2.7	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A2700T3100	2.7 ~ 3.1	0.5	18	1.3	30	30	SMT	-40 ~ +85
UIYSC12A3250T3450	3.25 ~ 3.45	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A3300T3600	3.3 ~ 3.6	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A3500T3650	3.5 ~ 3.65	0.35	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A5T6	5.0 ~ 6.0	0.5	18	1.3	30	30	SMT	-40 ~ +85
UIYSC12A5T55	5.0 ~ 5.5	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A52T58	5.2 ~ 5.8	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A55T6	5.5 ~ 6.0	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A58T62	5.8 ~ 6.2	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A62T68	6.2 ~ 6.8	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A65T7	6.5 ~ 7.0	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A7T8	7.0 ~ 8.0	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A79T84	7.9 ~ 8.4	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A85T95	8.5 ~ 9.5	0.5	20	1.25	30	30	SMT	-40 ~ +85
UIYSC12A9T10	9.0 ~ 10.0	0.5	20	1.25	30	30	SMT	-40 ~ +85

Mechanical Drawing



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

Recommended Land Pattern

Ver. 5