

0.7 to 10GHz – Surface Mount Isolator

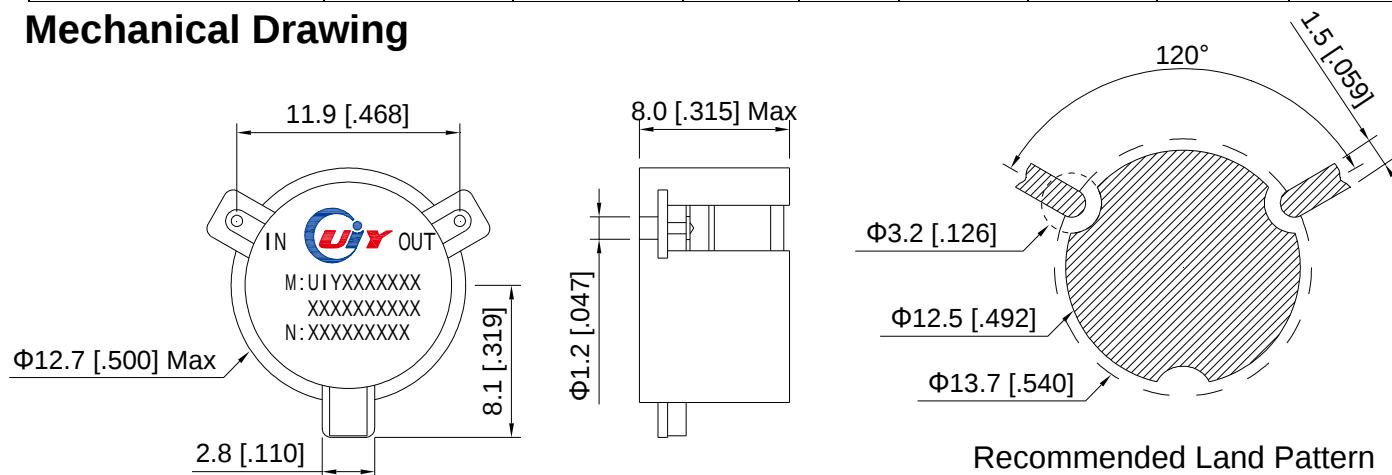
Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ 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)
UIYSI12A703T748	703 ~ 748	0.7	18	1.4	30	10	SMT	-40 ~ +85
UIYSI12A758T803	758 ~ 803	0.6	18	1.4	30	10	SMT	-40 ~ +85
UIYSI12A791T862	791 ~ 862	0.7	16	1.4	30	10	SMT	-40 ~ +85
UIYSI12A824T894	824 ~ 894	0.55	18	1.3	30	10	SMT	-40 ~ +85
UIYSI12A880T960	880 ~ 960	0.5	18	1.3	30	10	SMT	-40 ~ +85
UIYSI12A990T1130	990 ~ 1130	0.7	15	1.5	30	10	SMT	-40 ~ +85
UIYSI12A1230T1350	1230 ~ 1350	0.4	18	1.3	30	10	SMT	-40 ~ +85
UIYSI12A1330T1390	1330 ~ 1390	0.4	20	1.25	30	10	SMT	-40 ~ +85
UIYSI12A1427T1517	1427 ~ 1517	0.4	20	1.25	30	10	SMT	-40 ~ +85
UIYSI12A1565T1585	1565 ~ 1585	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A1616T1620	1616 ~ 1620	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A1710T1785	1710 ~ 1785	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A1805T2170	1805 ~ 2170	0.5	18	1.3	30	10	SMT	-40 ~ +85
UIYSI12A1805T1880	1805 ~ 1880	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A1920T1990	1920 ~ 1990	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2110T2170	2110 ~ 2170	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2300T2500	2300 ~ 2500	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2400T2600	2400 ~ 2600	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2496T2690	2496 ~ 2690	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2500T2700	2500 ~ 2700	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2700T3100	2700 ~ 3100	0.4	21	1.2	30	10	SMT	-40 ~ +85
UIYSI12A2900T3300	2900 ~ 3300	0.4	20	1.25	30	10	SMT	-40 ~ +85
UIYSI12A3100T3600	3100 ~ 3600	0.4	20	1.25	30	10	SMT	-40 ~ +85
UIYSI12A3300T3600	3300 ~ 3600	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A3700T4000	3700 ~ 4000	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A4200T4400	4200 ~ 4400	0.3	21	1.2	30	10	SMT	-40 ~ +85
UIYSI12A4400T5000	4400 ~ 5000	0.4	20	1.25	30	10	SMT	-40 ~ +85
UIYSI12A4800T5000	4800 ~ 5000	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A5000T5500	5000 ~ 5500	0.3	23	1.2	30	10	SMT	-40 ~ +85
UIYSI12A5000T6000	5000 ~ 6000	0.4	19	1.25	30	10	SMT	-40 ~ +85
UIYSI12A5500T6000	5500 ~ 6000	0.3	23	1.2	30	10	SMT	-40 ~ +85

Mechanical Drawing



Pin: $\Phi 1.2\text{mm}$ @1.2~7.0GHz, $\Phi 0.7\text{mm}$ @7.0~10.0GHz

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

Ver. 5.5