

## 0.7 to 10GHz – Drop in Circulator

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ 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)
UIYDC1212B703T748	703 ~ 748	0.7	16	1.4	60	60	TAB	-40 ~ +85
UIYDC1212B758T803	758 ~ 803	0.6	16	1.4	60	60	TAB	-40 ~ +85
UIYDC1212B791T862	791 ~ 862	0.7	16	1.4	60	60	TAB	-40 ~ +85
UIYDC1212B824T894	824 ~ 894	0.55	18	1.3	60	60	TAB	-40 ~ +85
UIYDC1212B880T960	880 ~ 960	0.5	18	1.3	60	60	TAB	-40 ~ +85
UIYDC1212B990T1130	990 ~ 1130	0.7	15	1.5	60	60	TAB	-40 ~ +85
UIYDC1212B1230T1350	1230 ~ 1350	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B1330T1390	1330 ~ 1390	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B1427T1517	1427 ~ 1517	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B1565T1585	1565 ~ 1585	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B1616T1620	1616 ~ 1620	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B1710T1785	1710 ~ 1785	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B1805T1880	1805 ~ 1880	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B1805T2170	1805 ~ 2170	0.5	18	1.3	60	60	TAB	-40 ~ +85
UIYDC1212B1920T1990	1920 ~ 1990	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2110T2170	2110 ~ 2170	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2300T2500	2300 ~ 2500	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2400T2600	2400 ~ 2600	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2496T2690	2496 ~ 2690	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2500T2700	2500 ~ 2700	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B2700T3100	2700 ~ 3100	0.4	21	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B2900T3300	2900 ~ 3300	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B31T36	3100 ~ 3600	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B33T36	3300 ~ 3600	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B37T42	3700 ~ 4200	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B42T44	4200 ~ 4400	0.3	21	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B44T5	4400 ~ 5000	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B48T5	4800 ~ 5000	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B5T55	5000 ~ 5500	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B5T6	5000 ~ 6000	0.4	19	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B55T6	5500 ~ 6000	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1212B58T62	5800 ~ 6200	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B62T68	6200 ~ 6800	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B65T7	6500 ~ 7000	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B7T8	7000 ~ 8000	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B79T84	7900 ~ 8400	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B85T95	8500 ~ 9500	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1212B9T10	9000 ~ 10000	0.4	20	1.25	60	60	TAB	-40 ~ +85

<sup>2</sup> List are specify frequency range and other ranges available.

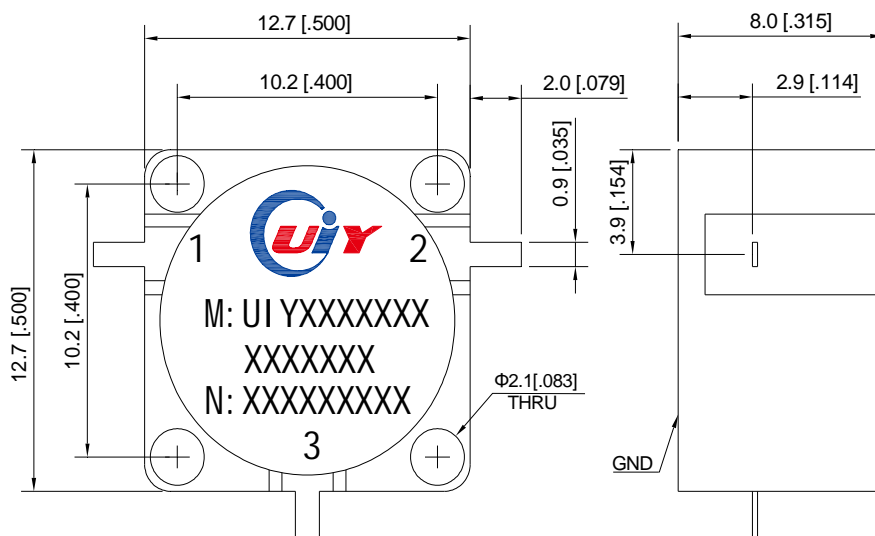
<sup>2</sup> Please enter below information when inquiry and mark \* is must.

\* 1. The specific frequency range

\* 2. Power handling (Forward, Reverse, Peak, etc.)

\* 3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

## Mechanical Drawing



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

Ver. 5.4