

## 0.8 to 5.0GHz – Drop in Circulator

### Design Features

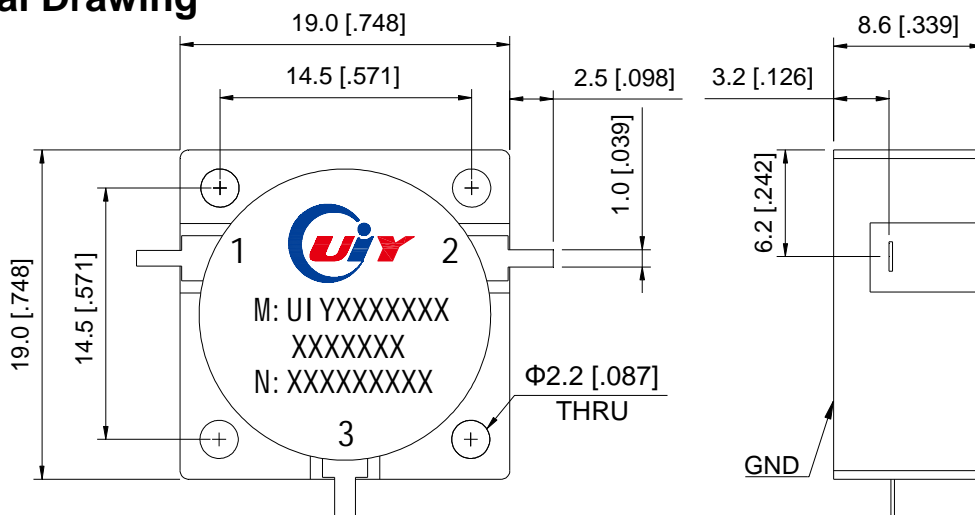
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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)
UIYDC1919A824T849	824 ~ 849	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A869T894	869 ~ 894	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A925T960	925 ~ 960	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A1070T1210	1070 ~ 1210	0.5	18	1.3	100	100	TAB	-30 ~ +70
UIYDC1919A1200T1400	1200 ~ 1400	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A1250T1450	1250 ~ 1450	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A1450T1550	1450 ~ 1550	0.3	23	1.2	100	100	TAB	-30 ~ +70
UIYDC1919A1500T1700	1500 ~ 1700	0.5	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A1710T1785	1710 ~ 1785	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A1805T1880	1805 ~ 1880	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A1920T1990	1920 ~ 1990	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2000T2400	2000 ~ 2400	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDC1919A2110T2170	2110 ~ 2170	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2300T2500	2300 ~ 2500	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2400T2600	2400 ~ 2600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2500T2700	2500 ~ 2700	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2700T3100	2700 ~ 3100	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDC1919A2700T3500	2700 ~ 3500	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDC1919A3150T3250	3150 ~ 3250	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A3400T3600	3400 ~ 3600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A3500T4500	3500 ~ 4500	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDC1919A3600T3800	3600 ~ 3800	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A3900T4200	3900 ~ 4200	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A3900T4500	3900 ~ 4500	0.4	20	1.25	100	100	TAB	-40 ~ +85

- 2 List are specify frequency range and other ranges available.  
 2 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 ±0.2mm unless otherwise stated.

Ver. 5