

0.8 to 3.8GHz – 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	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDC1919A1250T1450	1250 ~ 1450	0.4	23	1.2	100	100	TAB	-30 ~ +70
UIYDC1919A1200T1400	1200 ~ 1400	0.5	18	1.3	100	100	TAB	-30 ~ +70
UIYDC1919A1250T1450	1250 ~ 1450	0.5	18	1.3	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
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
UIYDC1919A2110T2170	2110 ~ 2170	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDC1919A2400T2600	2400 ~ 2600	0.35	21	1.2	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
UIYDC1919A3600T3800	3600 ~ 3800	0.3	23	1.2	100	100	TAB	-40 ~ +85

² List are specify frequency range and other ranges available.

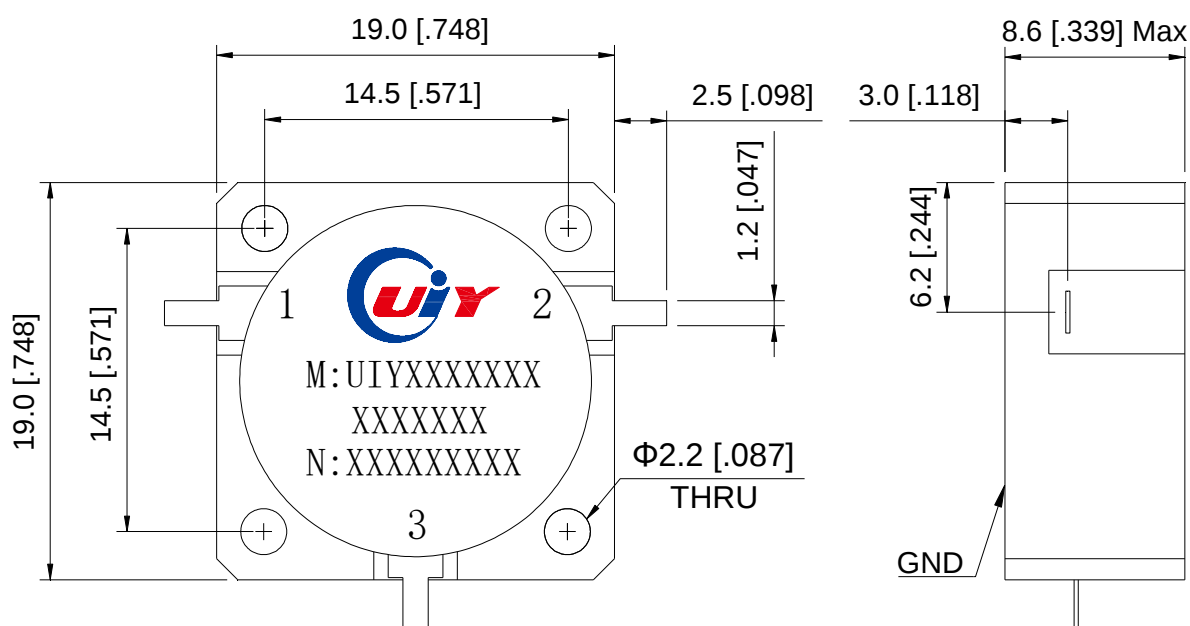
² Please enter below information when inquiry and mark * is must.

* 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 ± 0.2 mm unless otherwise stated.

Ver. 5

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