

# 400 to 3000MHz – Dual Junction Drop in Isolator

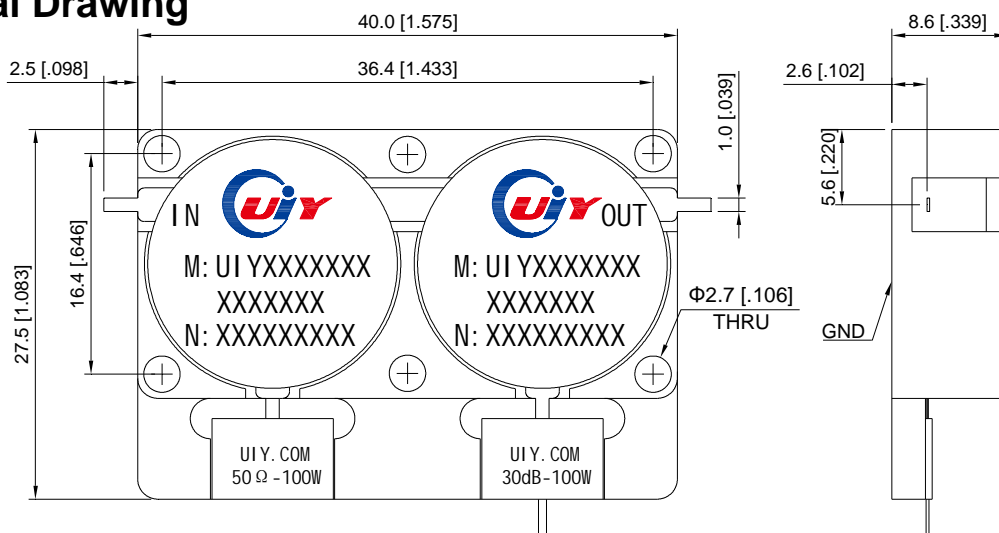
## Design Features

- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ 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)
UIYDDI4027A400T420	400 ~ 420	1.4	32	1.4	100	100	TAB	-40 ~ +85
UIYDDI4027A430T450	430 ~ 450	1.0	36	1.3	100	100	TAB	-40 ~ +85
UIYDDI4027A450T470	450 ~ 470	1.0	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A470T490	470 ~ 490	1.0	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A490T510	490 ~ 510	1.0	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A700T800	700 ~ 800	1.0	36	1.3	100	100	TAB	-40 ~ +85
UIYDDI4027A825T865	825 ~ 865	0.7	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A860T960	860 ~ 960	0.8	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A869T894	869 ~ 894	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A880T960	880 ~ 960	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A902T928	902 ~ 928	0.5	45	1.15	100	100	TAB	-40 ~ +85
UIYDDI4027A925T960	925 ~ 960	0.5	45	1.15	100	100	TAB	-40 ~ +85
UIYDDI4027A1000T1200	1000 ~ 1200	0.8	40	1.25	100	100	TAB	-40 ~ +85
UIYDDI4027A1450T1550	1450 ~ 1550	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A1710T2170	1710 ~ 2170	1.0	36	1.3	100	100	TAB	-40 ~ +85
UIYDDI4027A1715T1805A30	1715 ~ 1805	0.6	45	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDDI4027A1805T1880A30	1805 ~ 1880	0.5	50	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDDI4027A1920T1990A30	1920 ~ 1990	0.5	50	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDDI4027A2110T2170	2110 ~ 2170	0.5	50	1.15	100	100	TAB	-40 ~ +85
UIYDDI4027A2000T2700	2000 ~ 2700	1.0	36	1.3	100	100	TAB	-40 ~ +85
UIYDDI4027A2200T2300	2200 ~ 2300	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A2400T2500	2400 ~ 2500	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A2496T2690	2496 ~ 2690	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDI4027A2500T2700	2500 ~ 2700	0.6	45	1.2	100	100	TAB	-40 ~ +85

## Mechanical Drawing



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

Ver. 5.3