

400 to 3000MHz – Drop in Isolator

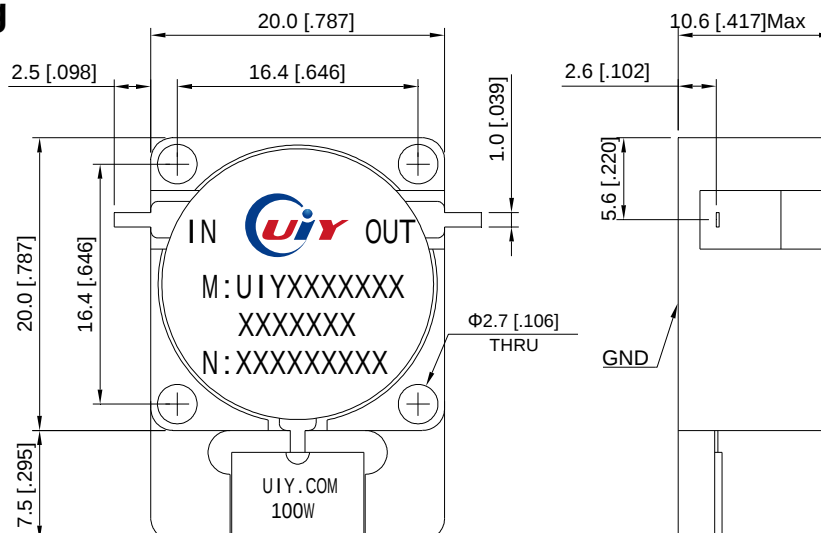
Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ 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)
UIYDI2027A400T420	400 ~ 420	0.7	16	1.4	100	100	TAB	-40 ~ +85
UIYDI2027A430T450	430 ~ 450	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI2027A450T470	450 ~ 470	0.5	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A470T490	470 ~ 490	0.5	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A490T510	490 ~ 510	0.5	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A700T800	700 ~ 800	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI2027A825T865	825 ~ 865	0.35	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A860T960	860 ~ 960	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A869T894	869 ~ 894	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A880T960	880 ~ 960	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A902T928	902 ~ 928	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI2027A925T960	925 ~ 960	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI2027A1000T1200	1000 ~ 1200	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI2027A1450T1550	1450 ~ 1550	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A1710T2170	1710 ~ 2170	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI2027A1715T1805	1715 ~ 1805	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A1805T1880	1805 ~ 1880	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI2027A1920T1990	1920 ~ 1990	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI2027A2110T2170	2110 ~ 2170	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI2027A2000T2700	2000 ~ 2700	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI2027A2200T2300	2200 ~ 2300	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A2400T2500	2400 ~ 2500	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A2496T2690	2496 ~ 2690	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A2500T2600	2500 ~ 2600	0.3	23	1.2	100	100	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5.5

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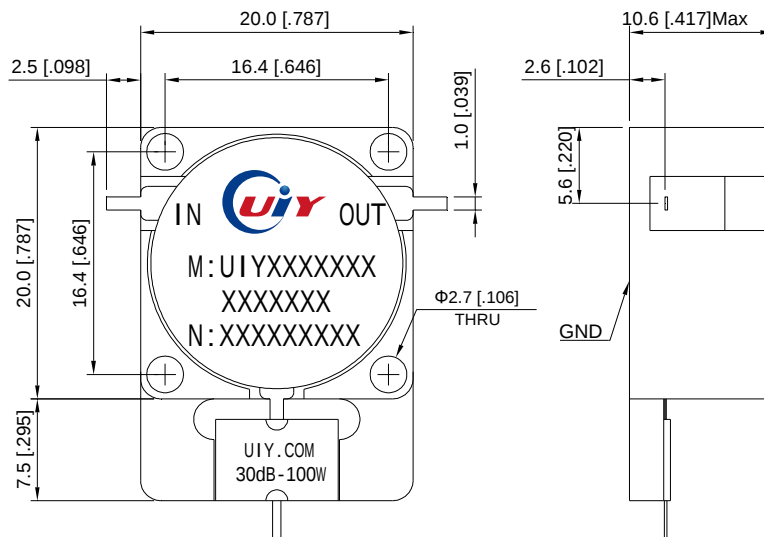
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UIYDI2027A400T420A30	400 ~ 420	0.7	16	1.4	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A430T450A30	430 ~ 450	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A450T470A30	450 ~ 470	0.5	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A470T490A30	470 ~ 490	0.5	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A490T510A30	490 ~ 510	0.5	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A700T800A30	700 ~ 800	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A825T865A30	825 ~ 865	0.35	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A860T960A30	860 ~ 960	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A869T894A30	869 ~ 894	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A880T960A30	880 ~ 960	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A902T928A30	902 ~ 928	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A925T960A30	925 ~ 960	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A1000T1200A30	1000 ~ 1200	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A1450T1550A30	1450 ~ 1550	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A1710T2170A30	1710 ~ 2170	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A1715T1805A30	1715 ~ 1805	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A1805T1880A20	1805 ~ 1880	0.25	25	1.15	100	100W-20dB	TAB	-40 ~ +85
UIYDI2027A1920T1990A30	1920 ~ 1990	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2110T2170A30	2110 ~ 2170	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2000T2700A30	2000 ~ 2700	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2200T2300A30	2200 ~ 2300	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2400T250030	2400 ~ 2500	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2496T2690A30	2496 ~ 2690	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI2027A2500T2600A30	2500 ~ 2600	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85

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