

450 to 3000MHz – Drop in Isolator

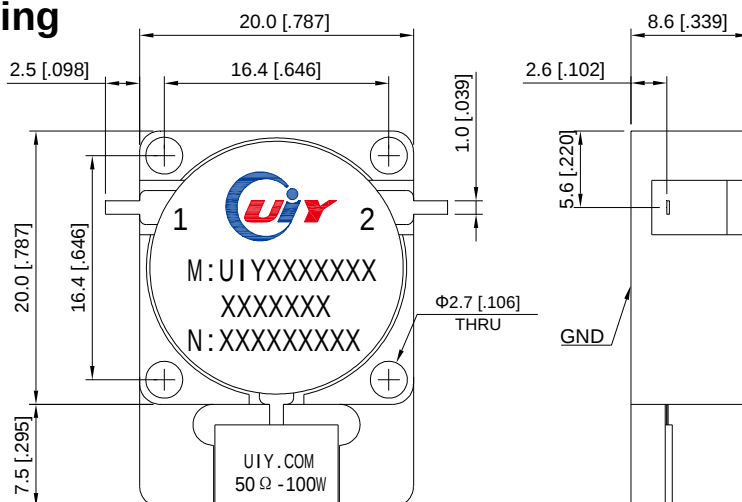
Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ 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)
UIYDI2027A450T470	450 ~ 470	0.8	18	1.3	60	60	TAB	-30 ~ +70
UIYDI2027A470T490	470 ~ 490	0.6	18	1.3	60	60	TAB	-30 ~ +70
UIYDI2027A490T510	490 ~ 510	0.6	18	1.3	60	60	TAB	-30 ~ +70
UIYDI2027A700T800	700 ~ 800	0.6	18	1.3	60	60	TAB	-30 ~ +70
UIYDI2027A825T865	825 ~ 865	0.35	20	1.25	100	100	TAB	-30 ~ +70
UIYDI2027A840T845	840 ~ 845	0.3	21	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A860T960	860 ~ 960	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDI2027A869T894	869 ~ 894	0.35	21	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A880T960	880 ~ 960	0.35	21	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A902T928	902 ~ 928	0.3	23	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A925T960	925 ~ 960	0.3	23	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A1000T1200	1000 ~ 1200	0.4	20	1.25	100	100	TAB	-30 ~ +70
UIYDI2027A1450T1550	1450 ~ 1550	0.3	23	1.2	100	100	TAB	-30 ~ +70
UIYDI2027A1715T1805	1715 ~ 1805	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A1805T1880	1805 ~ 1880	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A1920T1990	1920 ~ 1990	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI2027A2000T2700	2000 ~ 2700	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI2027A2110T2170	2110 ~ 2170	0.3	23	1.2	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
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