

# 410 to 3500MHz – 4 Port Dual Junction Drop in Circulator

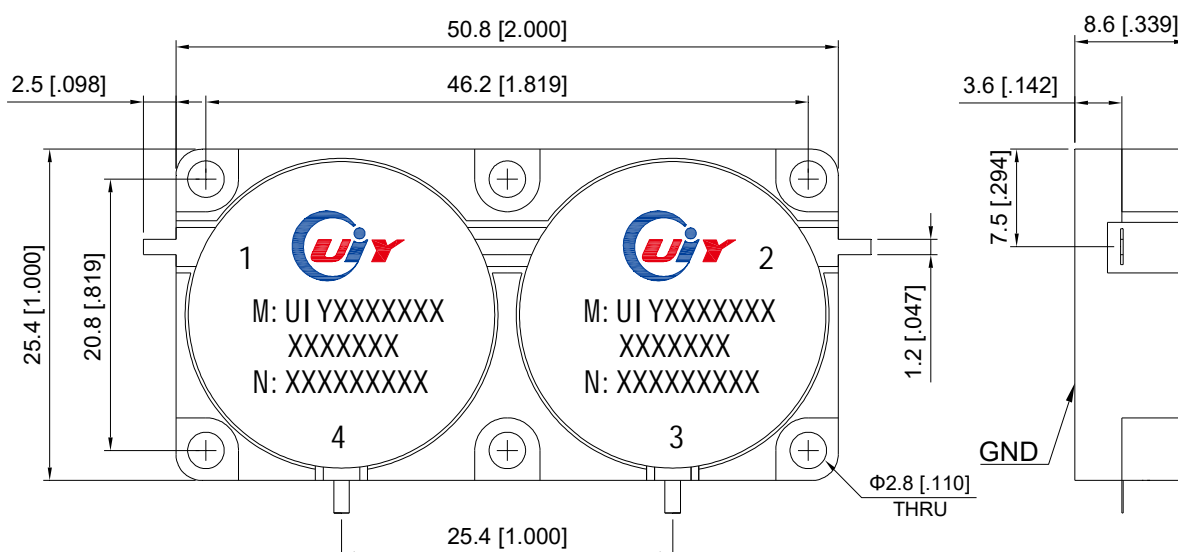
## Design Features

- ◆ 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 (1-2 & 3-4) Max(dB)	Isolation (2-1 & 4-3) Min(dB)	VSWR Max	Forward Power (W)	Reverse Power (W)	Connector Type	Temp.(°C)
UIYDDC5025A4P410T420	410 ~ 420	1.0	40	1.25	200	200	TAB	-20 ~ +65
UIYDDC5025A4P430T440	430 ~ 440	1.0	40	1.25	200	200	TAB	-20 ~ +65
UIYDDC5025A4P490T510	490 ~ 510	1.0	40	1.25	200	200	TAB	-20 ~ +65
UIYDDC5025A4P600T640	600 ~ 640	0.8	40	1.25	200	200	TAB	-20 ~ +65
UIYDDC5025A4P700T750	700 ~ 750	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P700T800	700 ~ 800	0.8	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P800T1000	800 ~ 1000	1.2	36	1.3	200	200	TAB	-30 ~ +70
UIYDDC5025A4P860T960	860 ~ 960	0.7	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P869T894	869 ~ 894	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P925T960	925 ~ 960	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P960T1230	960 ~ 1230	1.0	36	1.3	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1200T1300	1200 ~ 1300	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5025A4P1500T1700	1500 ~ 1700	0.6	45	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1700T1900	1700 ~ 1900	0.6	45	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1710T2170	1710 ~ 2170	1.0	36	1.3	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1800T2200	1800 ~ 2200	1.0	36	1.3	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1805T1880	1805 ~ 1880	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1900T2200	1900 ~ 2200	0.7	42	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P1920T1990	1920 ~ 1990	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P2000T2500	2000 ~ 2500	1.0	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P2300T2500	2300 ~ 2500	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5025A4P2300T2700	2300 ~ 2700	0.8	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P2400T2600	2400 ~ 2600	0.6	45	1.2	200	200	TAB	-30 ~ +70
UIYDDC5025A4P2500T2700	2500 ~ 2700	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5025A4P2700T3100	2700 ~ 3100	0.8	40	1.25	200	200	TAB	-30 ~ +70
UIYDDC5025A4P3150T3250	3150 ~ 3250	0.6	45	1.2	200	200	TAB	-40 ~ +85

## Mechanical Drawing



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

Ver. 5