410 to 3500MHz – 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 Max(dB)	Isolation (2-1) Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDDC5031B410T420	410 ~ 420	1.0	40	1.25	200	100	TAB	-20 ~ +65
UIYDDC5031B430T440	430 ~ 440	1.0	40	1.25	200	100	TAB	-20 ~ +65
UIYDDC5031B490T510	490 ~ 510	1.0	40	1.25	200	100	TAB	-20 ~ +65
UIYDDC5031B600T640A30	600 ~ 640	0.8	40	1.25	200	100W-30dB	TAB	-20 ~ +65
UIYDDC5031B700T750	700 ~ 750	0.6	45	1.2	200	100	TAB	-30 ~ +70
UIYDDC5031B700T800	700 ~ 800	0.8	40	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B800T1000	800 ~ 1000	1.2	36	1.3	200	100	TAB	-30 ~ +70
UIYDDC5031B860T960	860 ~ 960	0.7	40	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B869T894	869 ~ 894	0.6	45	1.2	200	100	TAB	-30 ~ +70
UIYDDC5031B925T960	925 ~ 960	0.6	45	1.2	200	100	TAB	-30 ~ +70
UIYDDC5031B960T1230	960 ~ 1230	1.0	36	1.3	200	100	TAB	-30 ~ +70
UIYDDC5031B1200T1300A30	1200 ~ 1300	0.6	45	1.2	200	100W-30dB	TAB	-40 ~ +85
UIYDDC5031B1500T1700	1500 ~ 1700	0.6	45	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B1700T1900	1700 ~ 1900	0.6	45	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B1710T2170	1710 ~ 2170	1.0	36	1.3	200	100	TAB	-30 ~ +70
UIYDDC5031B1800T2200	1800 ~ 2200	1.0	36	1.3	200	100	TAB	-30 ~ +70
UIYDDC5031B1805T1880A20	1805 ~ 1880	0.6	45	1.2	200	100W-20dB	TAB	-30 ~ +70
UIYDDC5031B1900T2200	1900 ~ 2200	0.7	42	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B1920T1990	1920 ~ 1990	0.6	45	1.2	200	100	TAB	-30 ~ +70
UIYDDC5031B2000T2500	2000 ~ 2500	1.0	40	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B2300T2500A30	2300 ~ 2500	0.6	45	1.2	200	100W-30dB	TAB	-40 ~ +85
UIYDDC5031B2300T2700	2300 ~ 2700	0.8	40	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B2400T2600	2400 ~ 2600	0.6	45	1.2	200	100	TAB	-30 ~ +70
UIYDDC5031B2500T2700	2500 ~ 2700	0.6	45	1.2	200	100	TAB	-40 ~ +85
UIYDDC5031B2700T3100	2700 ~ 3100	0.8	40	1.25	200	100	TAB	-30 ~ +70
UIYDDC5031B3150T3250	3150 ~ 3250	0.6	45	1.2	200	100	TAB	-40 ~ +85

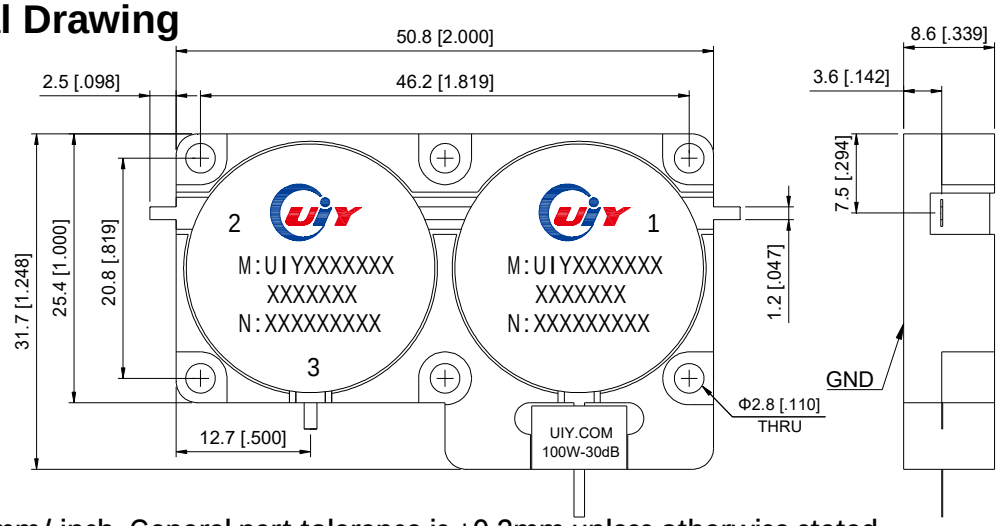
² List are specify frequency range and other ranges available.

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

* 1. The specific frequency range

* 2. Power handling (Forward, Reverse, Peak, etc.)

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±0.2mm unless otherwise stated.

Ver. 5

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