200 to 3600MHz – Dual Junction Drop in Circulator

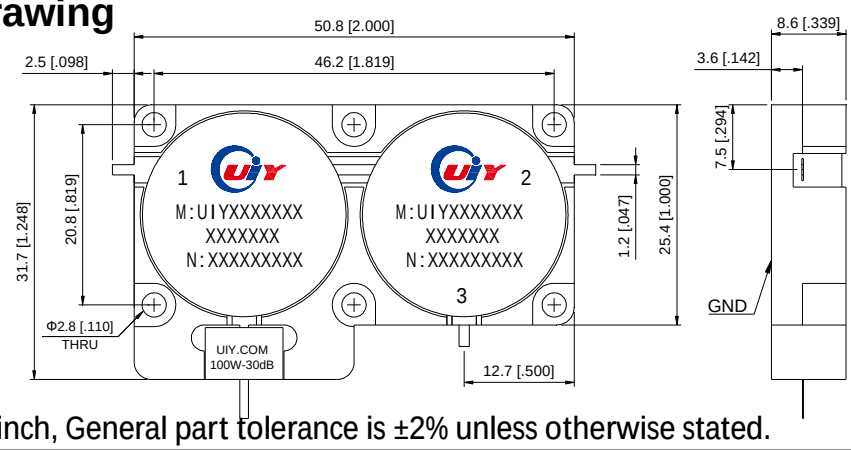
Design Features

- 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 (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)
UIYDDC5031A210T220	210 ~ 220	1.2	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A220T230	220 ~ 230	1.0	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A250T270	250 ~ 270	1.0	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A300T320	300 ~ 320	1.0	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A350T370A30	350 ~ 370	0.8	40	1.25	200	100W-30dB	TAB	-40 ~ +85
UIYDDC5031A400T500	400 ~ 500	1.2	32	1.4	200	200	TAB	-40 ~ +85
UIYDDC5031A410T425	410 ~ 425	0.6	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A430T470	430 ~ 470	0.8	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A490T510	490 ~ 510	0.5	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A600T700	600 ~ 700	0.6	40	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A700T803	700 ~ 803	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A800T1000	800 ~ 1000	1.0	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A860T960	860 ~ 960	0.6	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A869T894A20	869 ~ 894	0.6	45	1.2	200	100W-20dB	TAB	-40 ~ +85
UIYDDC5031A925T960	925 ~ 960	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A960T1230	960 ~ 1230	1.0	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A1200T1300	1200 ~ 1300	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A1400T1600	1400 ~ 1600	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A1500T1700	1500 ~ 1700	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A1700T1900	1700 ~ 1900	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A1710T2170	1710 ~ 2170	0.8	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A1805T1880A20	1805 ~ 1880	0.5	45	1.15	200	100W-20dB	TAB	-40 ~ +85
UIYDDC5031A1800T2200	1800 ~ 2200	1.0	36	1.3	200	200	TAB	-40 ~ +85
UIYDDC5031A1900T2200	1900 ~ 2200	0.7	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A1920T1990	1920 ~ 1990	0.5	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A2000T2500	2000 ~ 2500	1.0	40	1.25	200	200	TAB	-40 ~ +85
UIYDDC5031A2300T2500	2300 ~ 2500	0.5	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A2300T2700	2300 ~ 2700	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A2400T2600	2400 ~ 2600	0.5	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A2496T2690	2496 ~ 2690	0.5	45	1.15	200	200	TAB	-40 ~ +85
UIYDDC5031A2500T2700A30	2500 ~ 2700	0.5	45	1.15	200	100W-30dB	TAB	-40 ~ +85
UIYDDC5031A2700T3100	2700 ~ 3100	0.6	45	1.2	200	200	TAB	-40 ~ +85
UIYDDC5031A3000T3600	3000 ~ 3600	0.6	40	1.25	200	200	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5.1

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