200 to 3600MHz – Dual Junction Drop in Isolator

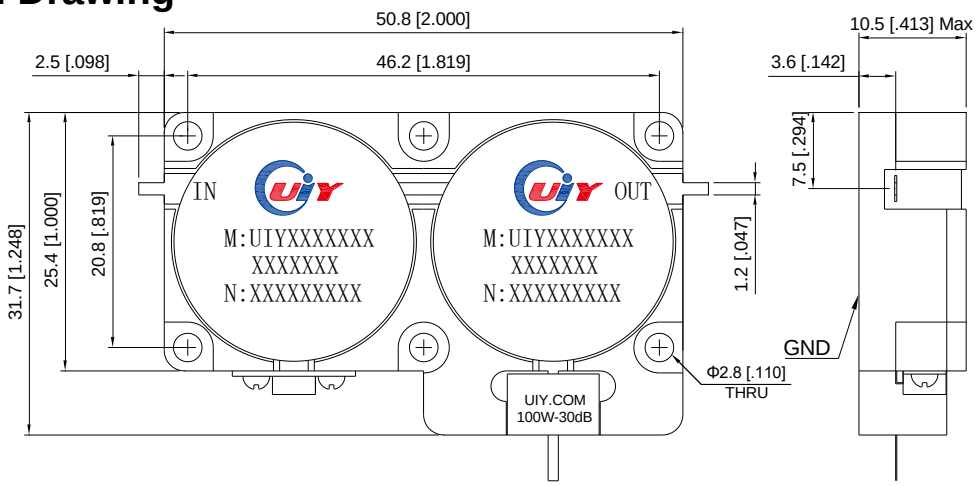
Design Features

- 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 Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDDI5031A210T220	210 ~ 220	1.2	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A220T230	220 ~ 230	1.0	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A250T270	250 ~ 270	1.0	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A300T320	300 ~ 320	1.0	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A350T370	350 ~ 370	0.8	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A380T460	380 ~ 460	1.0	34	1.35	200	30	TAB	-40 ~ +85
UIYDDI5031A400T470	400 ~ 470	1.0	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A410T425	410 ~ 425	0.6	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A430T470	430 ~ 470	0.8	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A450T520	450 ~ 520	1.0	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A490T510	490 ~ 510	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A600T700	600 ~ 700	0.6	40	1.2	200	30	TAB	-40 ~ +85
UIYDDI5031A700T803	700 ~ 803	0.6	46	1.2	200	30	TAB	-40 ~ +85
UIYDDI5031A800T1000	800 ~ 1000	1.0	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A860T960	860 ~ 960	0.6	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A869T894A20	869 ~ 894	0.4	50	1.15	200	100W-30dB	TAB	-40 ~ +85
UIYDDI5031A925T960	925 ~ 960	0.4	50	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A950T1250	950 ~ 1250	1.0	36	1.3	200	30	TAB	-40 ~ +85
UIYDDI5031A1200T1400	1200 ~ 1400	0.6	46	1.2	200	30	TAB	-40 ~ +85
UIYDDI5031A1500T1700	1500 ~ 1700	0.6	46	1.2	200	30	TAB	-40 ~ +85
UIYDDI5031A1710T2170	1710 ~ 2170	0.8	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A1805T1880	1805 ~ 1880	0.4	50	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A1920T1990A30	1920 ~ 1990	0.4	50	1.15	200	100W-30dB	TAB	-40 ~ +85
UIYDDI5031A2000T2500	2000 ~ 2500	1.0	40	1.25	200	30	TAB	-40 ~ +85
UIYDDI5031A2300T2500	2300 ~ 2500	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A2300T2700	2300 ~ 2700	0.6	46	1.2	200	30	TAB	-40 ~ +85
UIYDDI5031A2400T2600	2400 ~ 2600	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A2496T2690	2496 ~ 2690	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A2500T2700	2500 ~ 2700	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A2700T3100	2700 ~ 3100	0.5	46	1.15	200	30	TAB	-40 ~ +85
UIYDDI5031A3000T3600	3000 ~ 3600	0.6	40	1.25	200	30	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5.3

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