

0.7 to 10GHz – Drop in Isolator

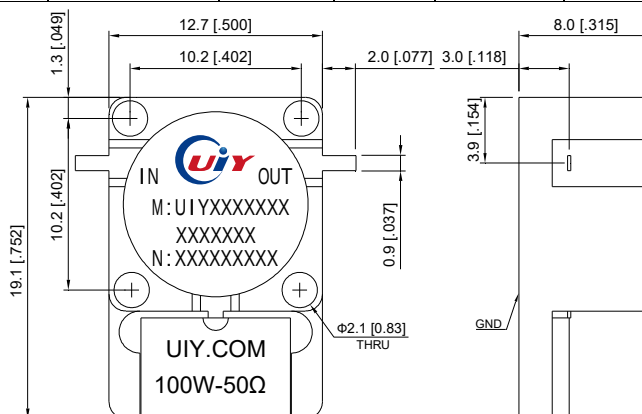
Design Features

- ◆ Can be in Dual Junction or Multi-Junction for higher isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ 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)
UIYDI1219A703T748	703 ~ 748	0.7	18	1.4	100	100	TAB	-40 ~ +85
UIYDI1219A758T803	758 ~ 803	0.6	18	1.4	100	100	TAB	-40 ~ +85
UIYDI1219A791T862	791 ~ 862	0.7	16	1.4	100	100	TAB	-40 ~ +85
UIYDI1219A824T894	824 ~ 894	0.55	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1219A880T960	880 ~ 960	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1219A990T1130	990 ~ 1130	0.7	15	1.5	100	100	TAB	-40 ~ +85
UIYDI1219A1230T1350	1230 ~ 1350	0.4	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1219A1330T1390	1330 ~ 1390	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1219A1427T1517	1427 ~ 1517	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1219A1565T1585	1565 ~ 1585	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A1616T1620	1616 ~ 1620	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A1710T1785	1710 ~ 1785	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A1805T2170	1805 ~ 2170	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1219A1805T1880	1805 ~ 1880	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A1920T1990	1920 ~ 1990	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2110T2170	2110 ~ 2170	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2300T2500	2300 ~ 2500	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2400T2600	2400 ~ 2600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2496T2690	2496 ~ 2690	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2500T2700	2500 ~ 2700	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2700T3100	2700 ~ 3100	0.4	21	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A2900T3300	2900 ~ 3300	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1219A3100T3600	3100 ~ 3600	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1219A3300T3600	3300 ~ 3600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A3700T4000	3700 ~ 4000	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A4200T4400	4200 ~ 4400	0.3	21	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A4400T5000	4400 ~ 5000	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1219A4800T5000	4800 ~ 5000	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A5000T5500	5000 ~ 5500	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1219A5000T6000	5000 ~ 6000	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1219A5700T5900	5700 ~ 5900	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. 5.1

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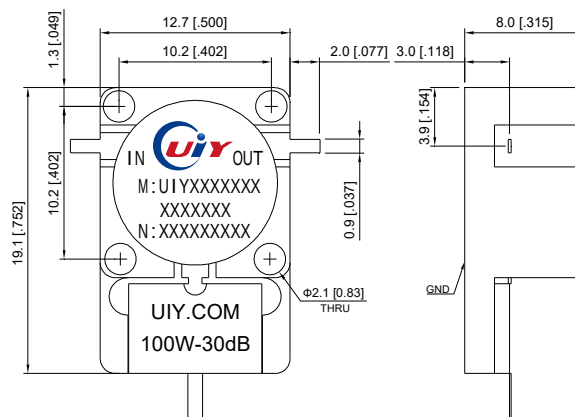
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UIYDI1219A791T862A30	791 ~ 862	0.7	16	1.4	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A824T894A30	824 ~ 894	0.55	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A880T960A30	880 ~ 960	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A990T1130A30	990 ~ 1130	0.7	15	1.5	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1230T1350A30	1230 ~ 1350	0.4	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1330T1390A30	1330 ~ 1390	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1427T1517A30	1427 ~ 1517	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1565T1585A30	1565 ~ 1585	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1616T1620A30	1616 ~ 1620	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1710T1785A30	1710 ~ 1785	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1805T2170A30	1805 ~ 2170	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1805T1880A30	1805 ~ 1880	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A1920T1990A30	1920 ~ 1990	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2110T2170A30	2110 ~ 2170	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2300T2500A20	2300 ~ 2500	0.3	23	1.2	100	100W-20dB	TAB	-40 ~ +85
UIYDI1219A2400T2600A30	2400 ~ 2600	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2496T2690A30	2496 ~ 2690	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2500T2700A30	2500 ~ 2700	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2700T3100A30	2700 ~ 3100	0.4	21	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A2900T3300A30	2900 ~ 3300	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A3100T3600A30	3100 ~ 3600	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A3300T3600A30	3300 ~ 3600	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A3700T4000A30	3700 ~ 4000	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A4200T4400A30	4200 ~ 4400	0.3	21	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A4400T5000A30	4400 ~ 5000	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A4800T5000A30	4800 ~ 5000	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A5000T5500A30	5000 ~ 5500	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A5000T6000A30	5000 ~ 6000	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1219A5700T5900A30	5700 ~ 5900	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85

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