

0.6 to 5.0GHz – Drop in Isolator

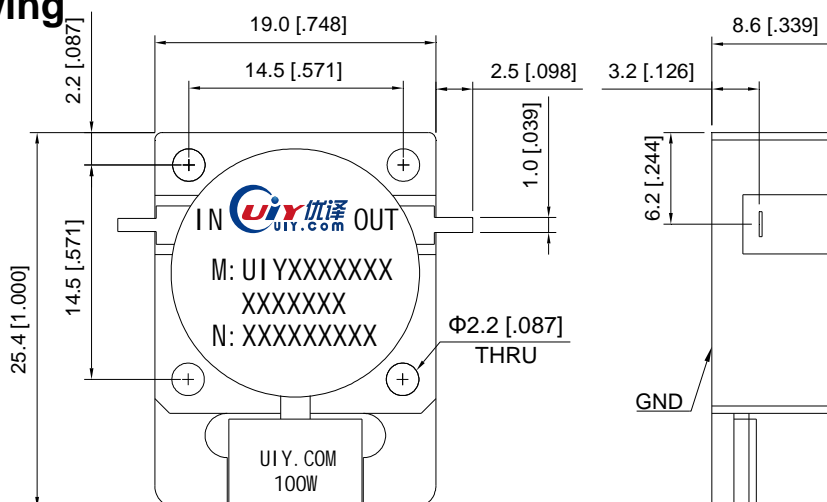
Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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)
UIYDI1925A617T698	617 ~ 698	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A703T803	703 ~ 803	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1925A824T894	824 ~ 894	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A860T960	860 ~ 960	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A925T960	925 ~ 960	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A1070T1210	1070 ~ 1210	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A1200T1400	1200 ~ 1400	0.3	22	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A1250T1450	1250 ~ 1450	0.25	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A1450T1550	1450 ~ 1550	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A1500T1700	1500 ~ 1700	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A1710T2170	1710 ~ 2170	0.6	16	1.4	100	100	TAB	-40 ~ +85
UIYDI1925A1805T1880	1805 ~ 1880	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI1925A1920T1990	1920 ~ 1990	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI1925A2000T2400	2000 ~ 2400	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A2110T2170	2110 ~ 2170	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI1925A2300T2500	2300 ~ 2500	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A2400T2600	2400 ~ 2600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A2496T2690	2496 ~ 2690	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A2500T2700	2500 ~ 2700	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A2700T3100	2700 ~ 3100	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A2700T3500	2700 ~ 3500	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1925A3150T3250	3150 ~ 3250	0.25	25	1.15	100	100	TAB	-40 ~ +85
UIYDI1925A3300T3600	3300 ~ 3600	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A3500T4500	3500 ~ 4500	0.5	18	1.3	100	100	TAB	-40 ~ +85
UIYDI1925A3600T3800	3600 ~ 3800	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A3900T4200	3900 ~ 4200	0.3	23	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A3900T4500	3900 ~ 4500	0.4	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A4000T4500	4000 ~ 4500	0.35	20	1.2	100	100	TAB	-40 ~ +85
UIYDI1925A4200T4700	4200 ~ 4700	0.35	20	1.25	100	100	TAB	-40 ~ +85
UIYDI1925A4400T5000	4400 ~ 5000	0.4	20	1.25	100	100	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5.4

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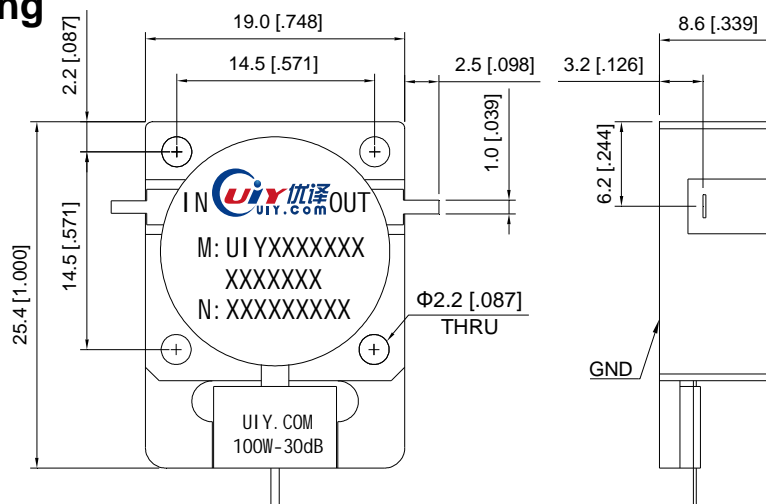
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UIYDI1925A617T698A30	617 ~ 698	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A703T803A30	703 ~ 803	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A824T894A20	824 ~ 894	0.4	20	1.25	100	100W-20dB	TAB	-40 ~ +85
UIYDI1925A860T960A30	860 ~ 960	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A925T960A30	925 ~ 960	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1070T1210A30	1070 ~ 1210	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1200T1400A30	1200 ~ 1400	0.3	22	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1250T1450A30	1250 ~ 1450	0.25	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1450T1550A30	1450 ~ 1550	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1500T1700A30	1500 ~ 1700	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1710T2170A30	1710 ~ 2170	0.6	16	1.4	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1805T1880A30	1805 ~ 1880	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A1920T1990A30	1920 ~ 1990	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2000T2400A30	2000 ~ 2400	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2110T2170A30	2110 ~ 2170	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2300T2500A30	2300 ~ 2500	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2400T2600A30	2400 ~ 2600	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2496T2690A30	2496 ~ 2690	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2500T2700A30	2500 ~ 2700	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2700T3100A30	2700 ~ 3100	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A2700T3500A30	2700 ~ 3500	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3150T3250A30	3150 ~ 3250	0.25	25	1.15	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3300T3600A30	3300 ~ 3600	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3500T4500A30	3500 ~ 4500	0.5	18	1.3	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3600T3800A30	3600 ~ 3800	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3900T4200A30	3900 ~ 4200	0.3	23	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A3900T4500A30	3900 ~ 4500	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A4000T4500A30	4000 ~ 4500	0.35	20	1.2	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A4200T4700A30	4200 ~ 4700	0.35	20	1.25	100	100W-30dB	TAB	-40 ~ +85
UIYDI1925A4400T5000A30	4400 ~ 5000	0.4	20	1.25	100	100W-30dB	TAB	-40 ~ +85

Mechanical Drawing



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

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