

200 to 1300MHz – Drop in Isolator

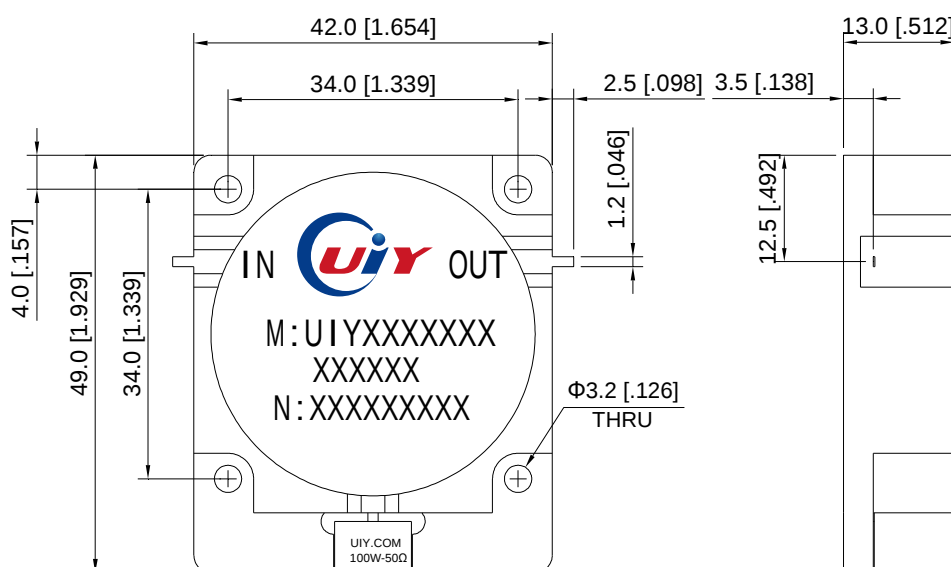
Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ 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)
UIYDI4249A200T250	200 ~ 250	0.65	16	1.4	300	150	TAB	-30 ~ +70
UIYDI4249A250T260	250 ~ 260	0.3	23	1.2	300	150	TAB	-30 ~ +70
UIYDI4249A250T300	250 ~ 300	0.4	18	1.3	300	150	TAB	-30 ~ +70
UIYDI4249A289T359	289 ~ 359	0.5	20	1.25	300	150	TAB	-30 ~ +70
UIYDI4249A300T400	300 ~ 400	0.6	17	1.3	100	150	TAB	-20 ~ +60
UIYDI4249A350T450	350 ~ 450	0.5	20	1.25	100	150	TAB	-20 ~ +60
UIYDI4249A350T400	350 ~ 400	0.35	23	1.2	100	150	TAB	-30 ~ +70
UIYDI4249A350T500	350 ~ 500	0.6	16	1.4	100	150	TAB	-20 ~ +60
UIYDI4249A380T460	380 ~ 460	0.4	23	1.2	100	150	TAB	-20 ~ +60
UIYDI4249A380T500	380 ~ 500	0.5	20	1.25	100	150	TAB	-20 ~ +60
UIYDI4249A400T500	400 ~ 500	0.4	20	1.25	300	150	TAB	-30 ~ +70
UIYDI4249A400T512	400 ~ 512	0.5	20	1.25	300	150	TAB	-30 ~ +70
UIYDI4249A400T430	400 ~ 430	0.25	25	1.15	300	150	TAB	-30 ~ +70
UIYDI4249A440T470	440 ~ 470	0.25	25	1.15	300	150	TAB	-30 ~ +70
UIYDI4249A500T700	500 ~ 700	0.5	17	1.35	100	150	TAB	-30 ~ +70
UIYDI4249A700T1000	700 ~ 1000	0.6	18	1.3	100	150	TAB	-30 ~ +70

Mechanical Drawing



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

Ver. 5.2

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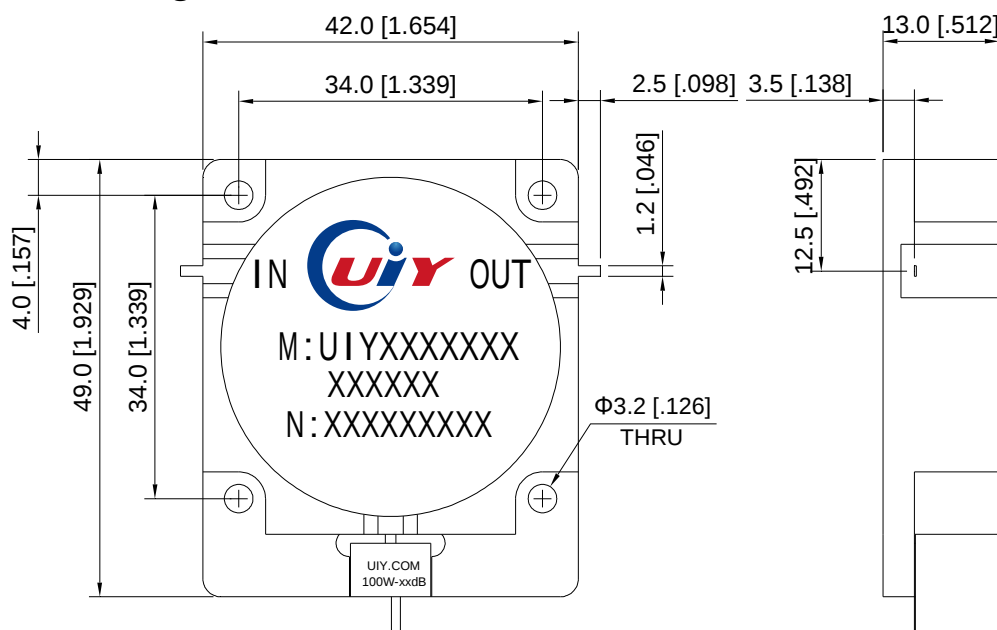
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UIYDI4249A200T250A30	200 ~ 250	0.65	16	1.4	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A250T260A30	250 ~ 260	0.3	23	1.2	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A250T300A30	250 ~ 300	0.4	18	1.3	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A289T359A30	289 ~ 359	0.5	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A300T400A30	300 ~ 400	0.6	17	1.3	100	100-30dB	TAB	-20 ~ +60
UIYDI4249A350T450A30	350 ~ 450	0.5	20	1.25	100	100-30dB	TAB	-20 ~ +60
UIYDI4249A350T400A30	350 ~ 400	0.35	23	1.2	100	100-30dB	TAB	-30 ~ +70
UIYDI4249A350T500A30	350 ~ 500	0.6	16	1.4	100	100-30dB	TAB	-20 ~ +60
UIYDI4249A380T460A30	380 ~ 460	0.4	23	1.2	100	100-30dB	TAB	-20 ~ +60
UIYDI4249A380T500A30	380 ~ 500	0.5	20	1.25	100	100-30dB	TAB	-20 ~ +60
UIYDI4249A400T500A30	400 ~ 500	0.4	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A400T512A30	400 ~ 512	0.5	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A400T430A30	400 ~ 430	0.25	25	1.15	300	100-30dB	TAB	-30 ~ +70
UIYDI4249A440T470A20	440 ~ 470	0.25	25	1.15	300	100-20dB	TAB	-30 ~ +70
UIYDI4249A500T700A30	500 ~ 700	0.5	17	1.35	100	100-30dB	TAB	-30 ~ +70
UIYDI4249A700T1000A30	700 ~ 1000	0.6	18	1.3	100	100-30dB	TAB	-30 ~ +70

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