

## 250 to 1300MHz – Drop in Isolator

### Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### 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)
UIYDI4249A250T260	250 ~ 260	0.6	20	1.25	300	100	TAB	-30 ~ +70
UIYDI4249A289T359	289 ~ 359	0.5	20	1.25	300	100	TAB	-30 ~ +70
UIYDI4249A300T400	300 ~ 400	0.6	17	1.3	100	100	TAB	-20 ~ +60
UIYDI4249A350T450	350 ~ 450	0.5	20	1.25	100	100	TAB	-20 ~ +60
UIYDI4249A350T400A30	350 ~ 400	0.35	23	1.2	100	100-30dB	TAB	-30 ~ +70
UIYDI4249A350T500	350 ~ 500	0.6	16	1.4	100	100	TAB	-20 ~ +60
UIYDI4249A380T460	380 ~ 460	0.4	23	1.2	100	100	TAB	-20 ~ +60
UIYDI4249A380T500	380 ~ 500	0.5	20	1.25	100	100	TAB	-20 ~ +60
UIYDI4249A400T500	400 ~ 500	0.4	20	1.25	300	100	TAB	-30 ~ +70
UIYDI4249A400T512	400 ~ 512	0.5	20	1.25	300	100	TAB	-30 ~ +70
UIYDI4249A400T430	400 ~ 430	0.25	25	1.15	300	100	TAB	-30 ~ +70
UIYDI4249A440T470A20	440 ~ 470	0.25	25	1.15	300	100-20dB	TAB	-30 ~ +70
UIYDI4249A500T700	500 ~ 700	0.5	17	1.35	100	100	TAB	-30 ~ +70
UIYDI4249A700T1000	700 ~ 1000	0.6	18	1.3	100	100	TAB	-30 ~ +70

<sup>2</sup> List are specify frequency range and other ranges available.

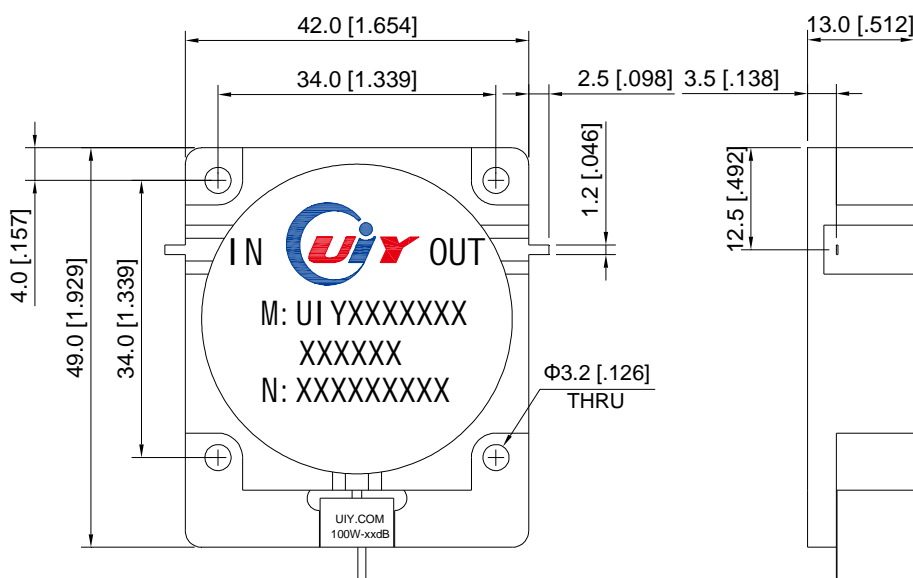
<sup>2</sup> Please enter below information when inquiry and mark \* is must.

\* 1. The specific frequency range

\* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



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

Ver. 5.1