

## 3.5 to 7.0GHz – Dual Junction Drop in Isolator

### Design Features

- ◆ Can be Dual Junction or Multiple for higher isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ 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)
UIYDDI3928A42T47	4.2 ~ 4.7	0.7	40	1.25	30	5	TAB	-40 ~ +85
UIYDDI3928A44T5	4.4 ~ 5.0	0.8	40	1.25	30	5	TAB	-40 ~ +85
UIYDDI3928A49T51	4.9 ~ 5.1	0.7	45	1.2	30	5	TAB	-40 ~ +85
UIYDDI3928A5T55	5.0 ~ 5.5	0.8	40	1.25	30	5	TAB	-40 ~ +85
UIYDDI3928A54T59	5.4 ~ 5.9	0.8	45	1.2	30	5	TAB	-40 ~ +85
UIYDDI3928A56T6	5.6 ~ 6.0	0.6	45	1.2	30	5	TAB	-40 ~ +85
UIYDDI3928A57T65	5.7 ~ 6.5	1.0	40	1.25	30	5	TAB	-40 ~ +85
UIYDDI3928A6T7	6.0 ~ 7.0	0.8	40	1.25	30	5	TAB	-40 ~ +85

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

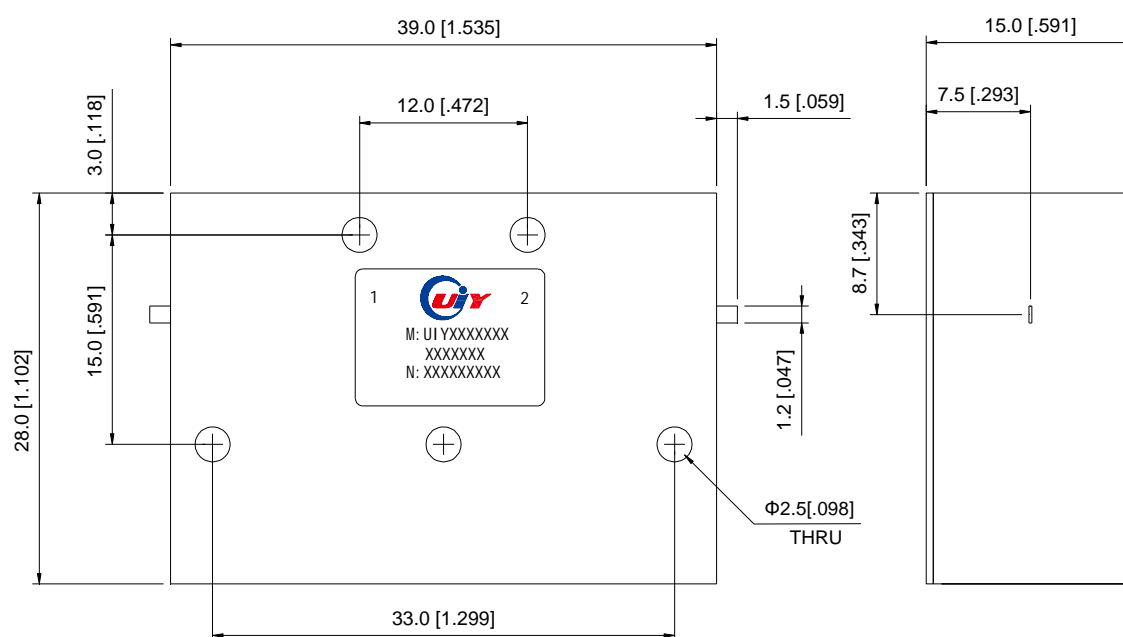
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 1. The specific frequency ranges

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

\* 3. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 0.2$ mm unless otherwise stated.

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