

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

### Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ 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) |
|------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| 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> List are specify frequency range and other ranges available.

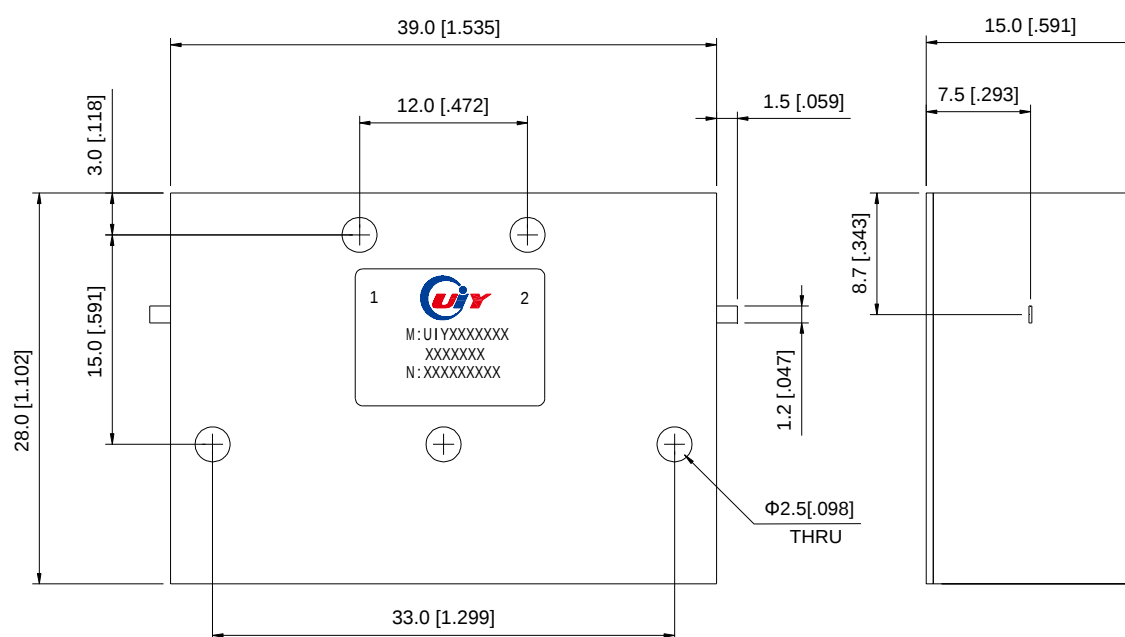
<sup>2</sup> Please enter below information when inquiry and mark \* is must.

\* 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  $\pm 0.2$ mm unless otherwise stated.

Ver. 5

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