

## 300 to 1500MHz 500W– Drop in Circulator

### 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) |
|---------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDC5356A300T350   | 300 ~ 350         | 0.5                    | 20                | 1.25     | 500              | 500              | TAB            | -30 ~ +70 |
| UIYDC5356A350T400   | 350 ~ 400         | 0.5                    | 20                | 1.25     | 500              | 500              | TAB            | -30 ~ +70 |
| UIYDC5356A400T450   | 400 ~ 450         | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -30 ~ +70 |
| UIYDC5356A450T500   | 450 ~ 500         | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -30 ~ +70 |
| UIYDC5356A500T590   | 500 ~ 590         | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -40 ~ +85 |
| UIYDC5356A590T710   | 590 ~ 710         | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -40 ~ +85 |
| UIYDC5356A700T850   | 700 ~ 850         | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -40 ~ +85 |
| UIYDC5356A850T1000  | 850 ~ 1000        | 0.4                    | 20                | 1.25     | 500              | 500              | TAB            | -40 ~ +85 |
| UIYDC5356A1200T1400 | 1200 ~ 1400       | 0.4                    | 20                | 1.2      | 300              | 300              | TAB            | 0 ~ +65   |

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

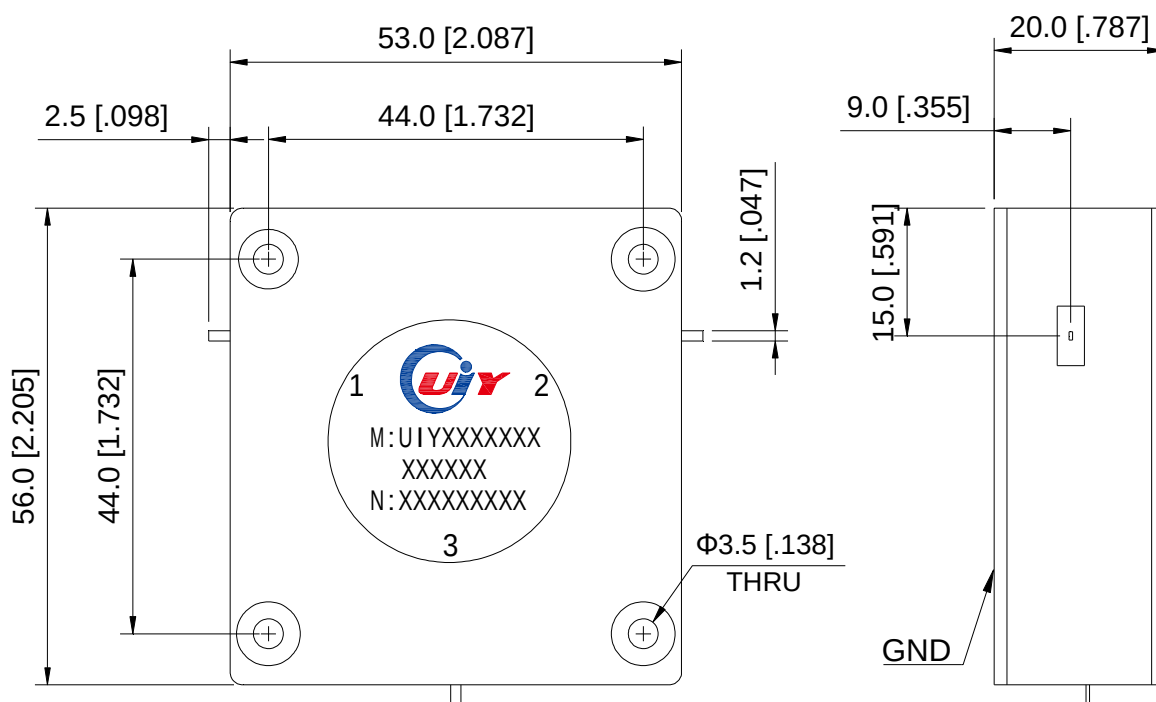
<sup>2</sup> Please enter below information when inquiry and mark \* is must.

\* 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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