

# 136 to 470MHz – Duplexer / Diplexer

## Design Features

- ◆ 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 | Power(W) | Connector Type | Temp.(°C) |
|----------------------|-------------------|-----------|------------------------|-------------------|----------|----------|----------------|-----------|
| UIYDX95115A136T470SF | TX                | 136 ~ 174 | 0.8<br>Ripple: <0.5    | 70                | 1.45     | 100      | SMA-F          | -40 ~ +70 |
|                      | RX                | 400 ~ 470 |                        |                   |          |          |                |           |
| UIYDX95115A136T470NF | TX                | 136 ~ 174 | 0.8<br>Ripple: <0.5    | 70                | 1.45     | 100      | N-F            | -40 ~ +70 |
|                      | RX                | 400 ~ 470 |                        |                   |          |          |                |           |

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

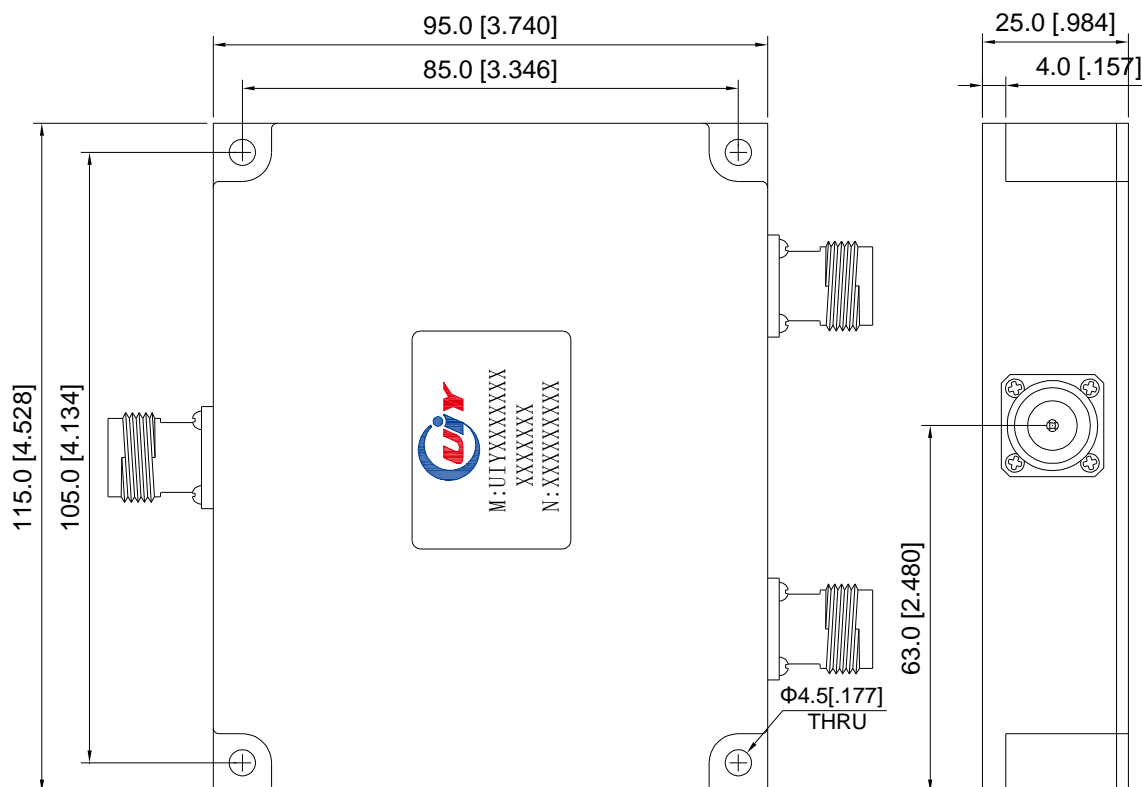
<sup>2</sup> Please provide the information below when inquiring and mark \* is must.

\* 1. The specific frequency range TX and RX

\* 2. Insertion Loss, Isolation, VSWR

3. Other special requests (Power handling, Temperature, Dimension, etc.)

## Mechanical Drawing



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

Ver. 5