

300 to 1300MHz – 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) |
|---------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDI3546A309T339 | 309 ~ 339 | 0.5 | 20 | 1.25 | 300 | 150 | TAB | -20 ~ +65 |
| UIYDI3546A350T370 | 350 ~ 370 | 0.3 | 23 | 1.2 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A390T410 | 390 ~ 410 | 0.3 | 23 | 1.2 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A400T470 | 400 ~ 470 | 0.5 | 20 | 1.25 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A440T470 | 440 ~ 470 | 0.3 | 23 | 1.2 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI3546A470T570 | 470 ~ 570 | 0.45 | 19 | 1.25 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A570T670 | 570 ~ 670 | 0.4 | 20 | 1.25 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A600T800 | 600 ~ 800 | 0.5 | 18 | 1.3 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A670T770 | 670 ~ 770 | 0.4 | 20 | 1.25 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A700T900 | 700 ~ 900 | 0.4 | 20 | 1.25 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A700T1000 | 700 ~ 1000 | 0.8 | 16 | 1.4 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A770T860 | 770 ~ 860 | 0.35 | 23 | 1.2 | 300 | 100 | TAB | -20 ~ +65 |
| UIYDI3546A860T872 | 860 ~ 872 | 0.3 | 30 | 1.15 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A900T930 | 900 ~ 930 | 0.3 | 30 | 1.15 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A1000T1300 | 1000 ~ 1300 | 0.4 | 20 | 1.25 | 300 | 100 | TAB | -30 ~ +70 |
| UIYDI3546A1296T1298 | 1296 ~ 1298 | 0.3 | 25 | 1.15 | 300 | 100 | TAB | -30 ~ +70 |

² List are specify frequency range and other ranges available.

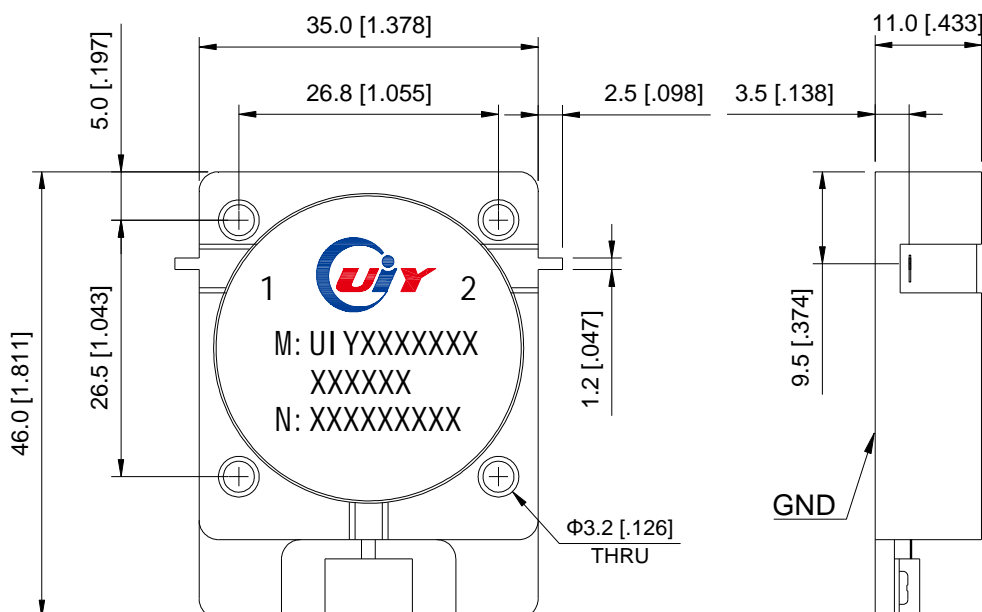
² Please enter below information when inquiry and mark * is must.

* 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 ± 0.2 mm unless otherwise stated.

Ver. 5

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