

4 to 7GHz – Dual Junction Drop in Isolator

Design Features

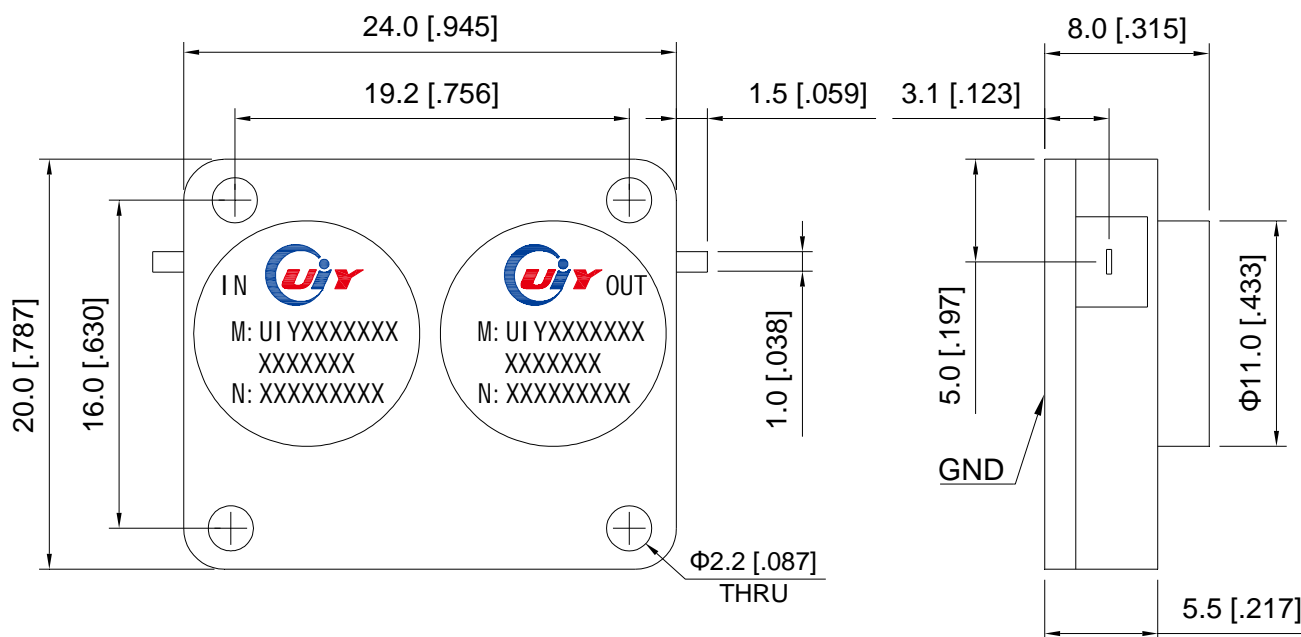
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

RF Characteristics

| Model Number | Freq. Range (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|--------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDDI2420A45T5 | 4.5 ~ 5.0 | 0.8 | 40 | 1.25 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A47T52 | 4.7 ~ 5.2 | 0.8 | 40 | 1.25 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A5T58 | 5.0 ~ 5.8 | 0.8 | 40 | 1.25 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A5T6 | 5.0 ~ 6.0 | 1.0 | 36 | 1.3 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A52T59 | 5.2 ~ 5.9 | 0.8 | 40 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A54T59 | 5.4 ~ 5.9 | 0.8 | 45 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A55T6 | 5.6 ~ 6.0 | 0.6 | 45 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A57T59 | 5.7 ~ 5.9 | 0.6 | 45 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A57T65 | 5.7 ~ 6.5 | 1.0 | 40 | 1.25 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A6T7 | 6.0 ~ 7.0 | 0.7 | 45 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |
| UIYDDI2420A635T655 | 6.35 ~ 6.55 | 0.6 | 45 | 1.2 | 60 | 5 | TAB | -40 ~ +85 |

- 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 $\pm 2\%$ unless otherwise stated.

Ver. 5