

3.1 to 5.1GHz – 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 (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|-----------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDI1919B31T35 | 3.1 ~ 3.5 | 0.3 | 23 | 1.2 | 60 | 30 | TAB | -40 ~ +85 |
| UIYDI1919B38T42 | 3.8 ~ 4.2 | 0.35 | 21 | 1.2 | 60 | 30 | TAB | -40 ~ +85 |
| UIYDI1919B39T43 | 3.9 ~ 4.3 | 0.35 | 21 | 1.2 | 60 | 30 | TAB | -40 ~ +85 |
| UIYDI1919B42T47 | 4.2 ~ 4.7 | 0.35 | 20 | 1.25 | 60 | 30 | TAB | -40 ~ +85 |
| UIYDI1919B44T5 | 4.4 ~ 5.0 | 0.4 | 20 | 1.25 | 60 | 30 | TAB | -40 ~ +85 |
| UIYDI1919B49T51 | 4.9 ~ 5.1 | 0.35 | 23 | 1.2 | 60 | 30 | TAB | -40 ~ +85 |

² List are specify frequency range and other ranges available.

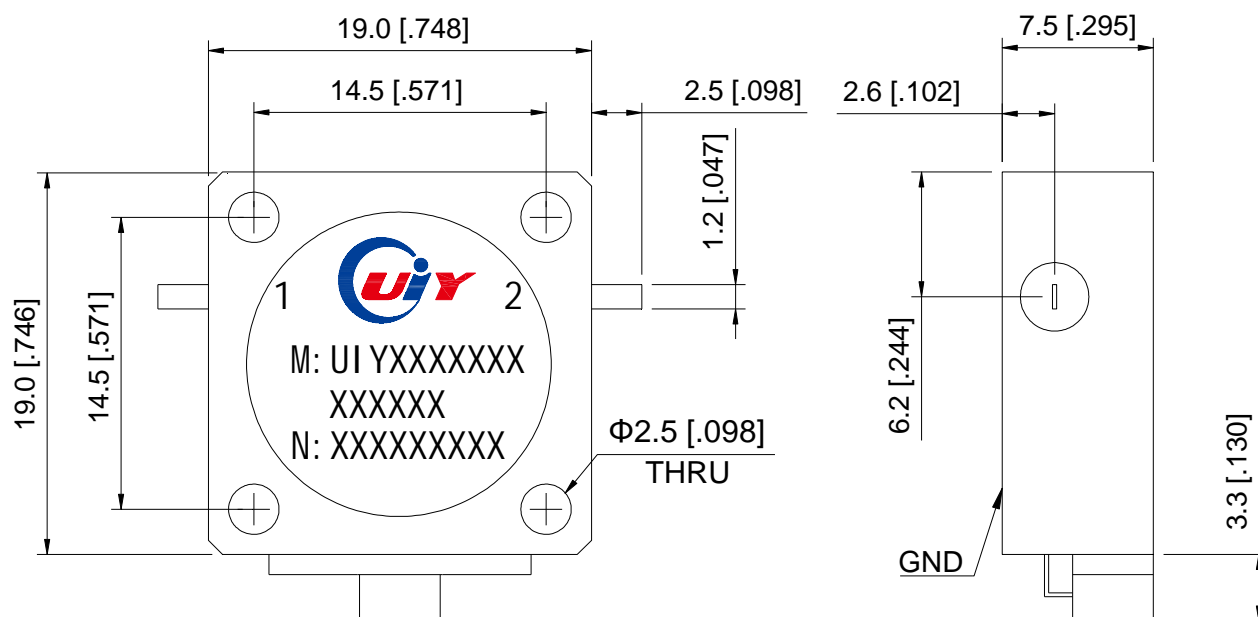
² Please enter below information when inquiry and mark * is must.

* 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 ± 0.2 mm unless otherwise stated.

Ver. 5

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