

## 4.0 to 5.1GHz – Drop in Isolator

## Design Features

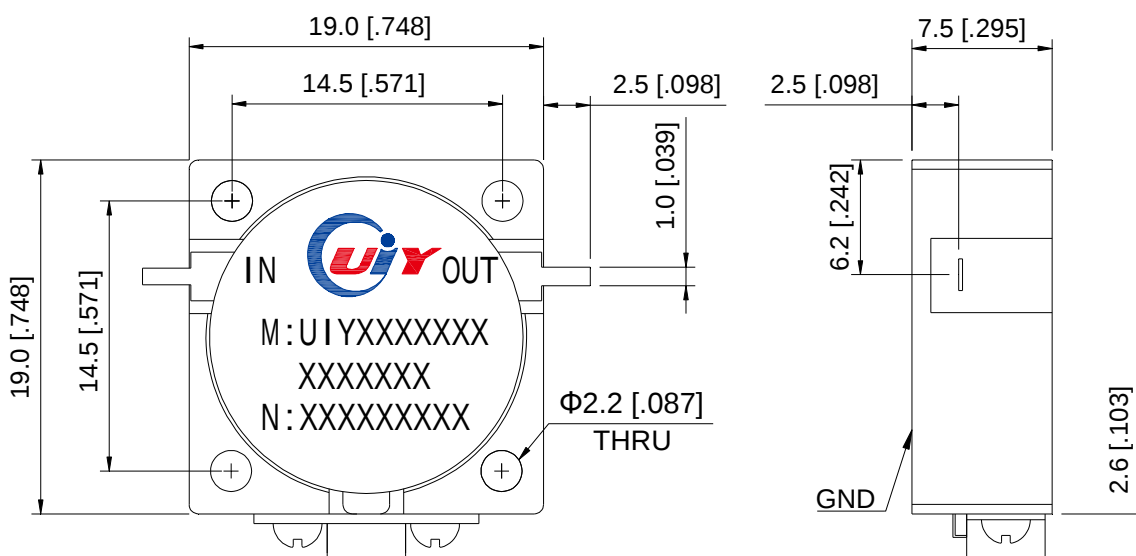
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

## RF Characteristics

| Model Number    | Freq. Range<br>(GHz) | Insertion Loss<br>Max(dB) | Isolation<br>Min(dB) | VSWR<br>Max | Forward<br>Power(W) | Reverse<br>Power(W) | Connector<br>Type | Temp.(°C) |
|-----------------|----------------------|---------------------------|----------------------|-------------|---------------------|---------------------|-------------------|-----------|
| UIYDI1919B4T45  | 4.0 ~ 4.5            | 0.35                      | 20                   | 1.25        | 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  $\pm 0.2\text{mm}$  unless otherwise stated.

Ver. 5

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