

800 to 3000MHz – Drop in Isolator

Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ 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) |
|---------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDI2027A825T865 | 825 ~ 865 | 0.35 | 20 | 1.25 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A840T845 | 840 ~ 845 | 0.3 | 21 | 1.2 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A860T960 | 860 ~ 960 | 0.4 | 20 | 1.25 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A869T894 | 869 ~ 894 | 0.35 | 21 | 1.2 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A880T960 | 880 ~ 960 | 0.35 | 21 | 1.2 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A902T928 | 902 ~ 928 | 0.3 | 23 | 1.2 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A925T960 | 925 ~ 960 | 0.3 | 23 | 1.2 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A1450T1550 | 1450 ~ 1550 | 0.35 | 20 | 1.25 | 100 | 100 | TAB | -30 ~ +70 |
| UIYDI2027A1715T1805 | 1715 ~ 1805 | 0.3 | 23 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A1805T1880 | 1805 ~ 1880 | 0.35 | 23 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A1920T1990 | 1920 ~ 1990 | 0.35 | 23 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A2110T2170 | 2110 ~ 2170 | 0.3 | 23 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A2200T2300 | 2200 ~ 2300 | 0.35 | 21 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A2400T2500 | 2400 ~ 2500 | 0.35 | 21 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |
| UIYDI2027A2500T2600 | 2500 ~ 2600 | 0.35 | 21 | 1.2 | 100 | 100 | TAB | -40 ~ +85 |

² List are specify frequency range and other ranges available.

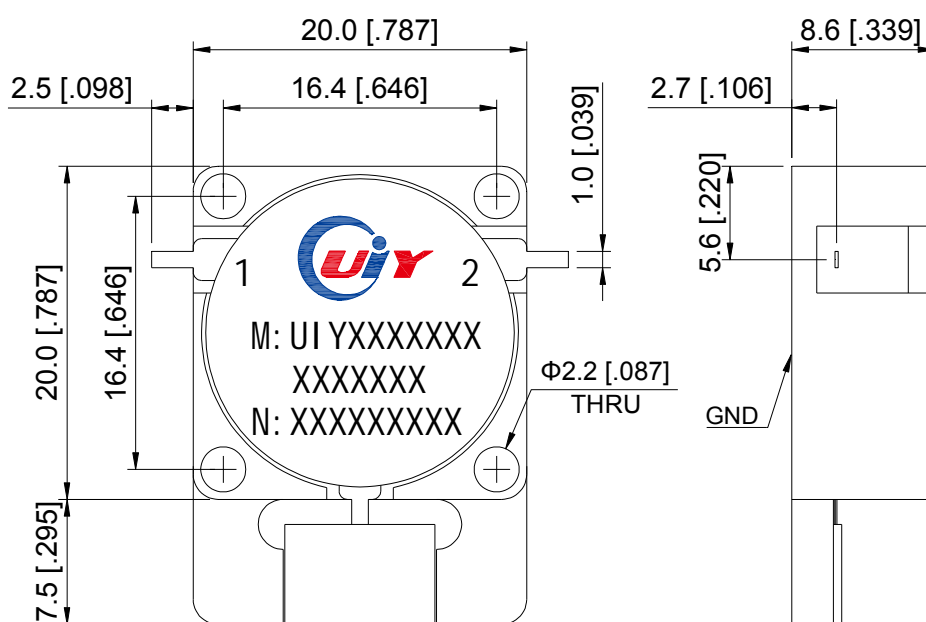
² Please enter below information when inquiry and mark * is must.

* 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 ±0.2mm unless otherwise stated.

Ver. 5

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