

# 280 to 1000MHz – Dual Junction Coaxial Isolator

## Design Features

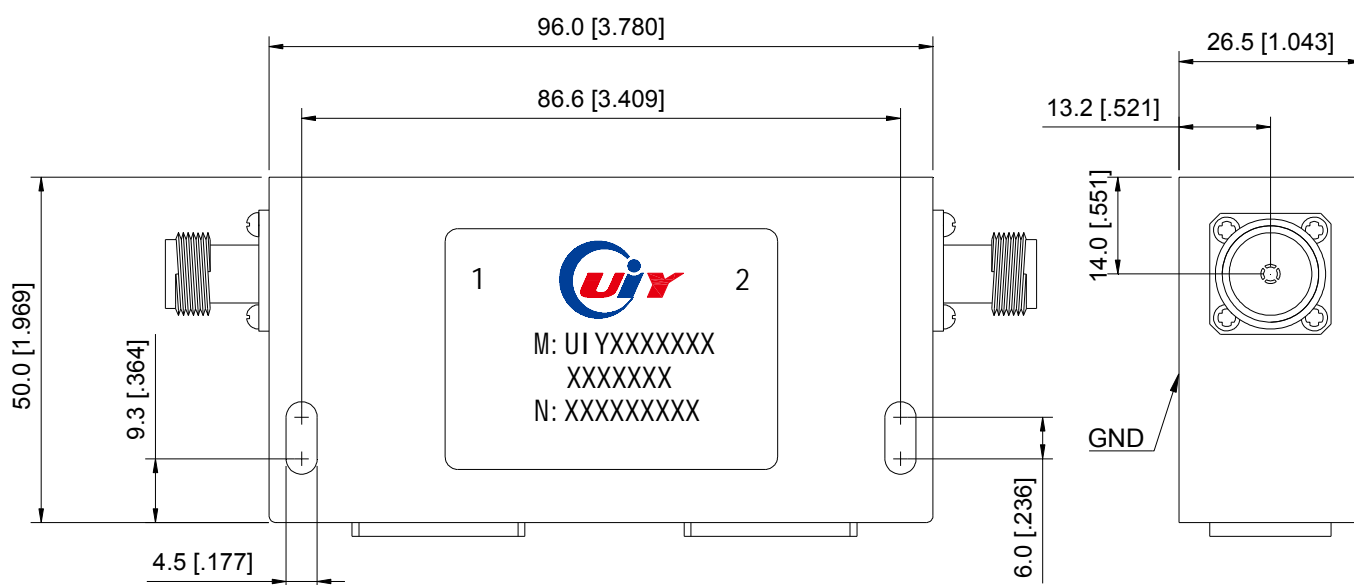
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

## 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) |
|-----------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI9650A289T359NF  | 289 ~ 359         | 1.0                    | 40                | 1.25     | 300              | 30               | N-F            | -30 ~ +70 |
| UIYCDI9650A300T400SF  | 300 ~ 400         | 1.4                    | 36                | 1.3      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI9650A300T450SF  | 300 ~ 450         | 1.4                    | 32                | 1.4      | 100              | 30               | SMA-F          | -20 ~ +60 |
| UIYCDI9650A350T400SF  | 350 ~ 400         | 0.7                    | 45                | 1.2      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI9650A350T500SF  | 350 ~ 500         | 1.2                    | 32                | 1.4      | 100              | 30               | SMA-F          | -20 ~ +60 |
| UIYCDI9650A400T430NF  | 400 ~ 430         | 0.5                    | 50                | 1.15     | 300              | 30               | N-F            | -30 ~ +70 |
| UIYCDI9650A440T470NF  | 440 ~ 470         | 0.5                    | 50                | 1.15     | 300              | 30               | N-F            | -30 ~ +70 |
| UIYCDI9650A400T500NF  | 400 ~ 500         | 0.7                    | 40                | 1.25     | 300              | 30               | N-F            | -30 ~ +70 |
| UIYCDI9650A500T700NF  | 500 ~ 700         | 1.0                    | 36                | 1.35     | 300              | 30               | N-F            | -30 ~ +70 |
| UIYCDI9650A690T1000SF | 690 ~ 1000        | 1.2                    | 36                | 1.3      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI9650A700T1000SF | 700 ~ 1000        | 1.2                    | 36                | 1.3      | 100              | 30               | SMA-F          | -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. Connect type (SMA Male/ Female, N Male/ Female, etc.)  
 4. 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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