

10 to 55MHz – Coaxial Isolator

Design Features

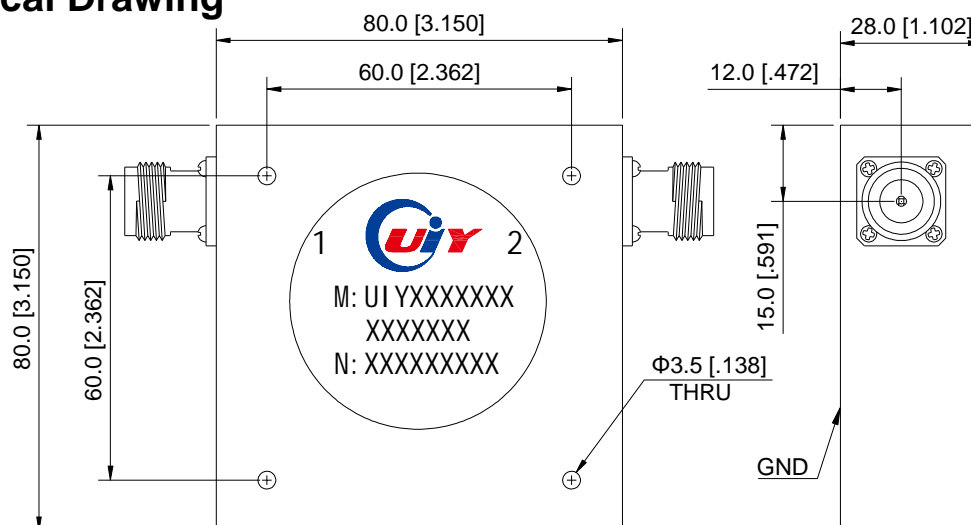
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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) |
|-------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCI8080A10T12SF | 10 ~ 12 | 6.0 | 11 | 1.8 | 50 | 50 | SMA-F | +20 ~ +60 |
| UIYCI8080A12713T14407SF | 12.713 ~ 14.407 | 6.0 | 11 | 1.8 | 50 | 50 | SMA-F | +20 ~ +60 |
| UIYCI8080A13T14SF | 13 ~ 14 | 6.0 | 14 | 1.5 | 50 | 50 | SMA-F | +20 ~ +60 |
| UIYCI8080A25T30SF | 25 ~ 30 | 3.5 | 12 | 1.45 | 50 | 50 | SMA-F | +10 ~ +60 |
| UIYCI8080A26T28SF | 26 ~ 28 | 3.0 | 15 | 1.45 | 50 | 50 | SMA-F | +10 ~ +60 |
| UIYCI8080A285T305NF | 28.5 ~ 30.5 | 2.8 | 16 | 1.4 | 50 | 50 | N-F | +10 ~ +60 |
| UIYCI8080A30T32NF | 30 ~ 32 | 1.8 | 16 | 1.4 | 50 | 50 | N-F | +10 ~ +60 |
| UIYCI8080A30T35NF | 30 ~ 35 | 2.5 | 15 | 1.5 | 50 | 50 | N-F | +10 ~ +60 |
| UIYCI8080A35T45SF | 35 ~ 45 | 3.0 | 16 | 1.4 | 50 | 50 | SMA-F | +10 ~ +60 |
| UIYCI8080A44T46NFTNM | 44 ~ 46 | 1.2 | 20 | 1.25 | 50 | 50 | N-F to N-M | 25±5 |
| | | 1.5 | 17 | 1.35 | | | | +20 ~ +60 |

- 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 ±2% unless otherwise stated.

Ver. 5