

300 to 1875MHz – Coaxial Isolator

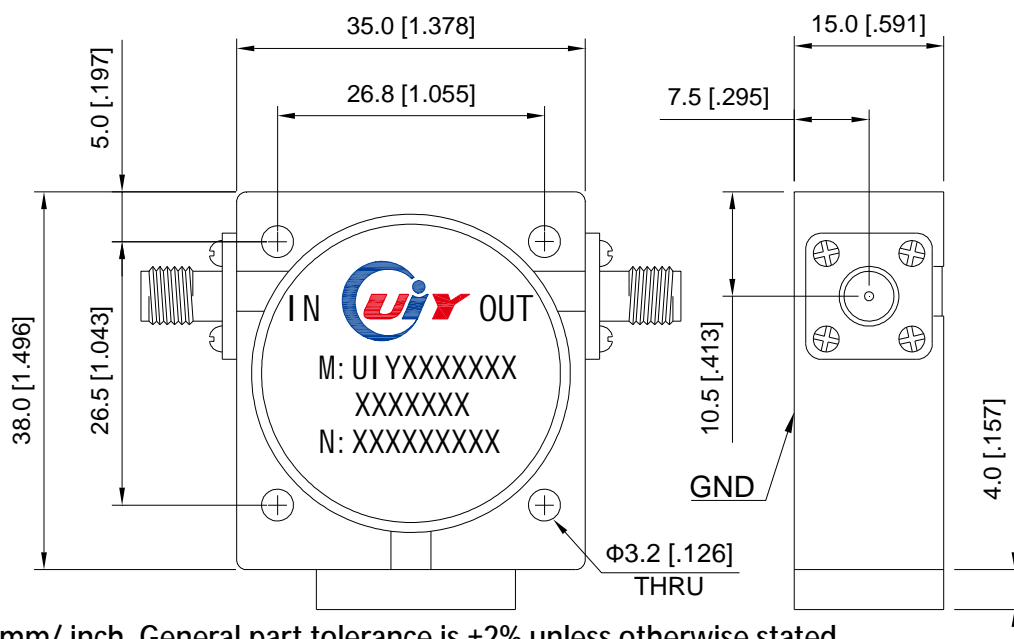
Design Features

- ◆ 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) |
|------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCI3538A300T320NF | 300 ~ 320 | 0.8 | 18 | 1.3 | 300 | 30 | N-F | -20 ~ +65 |
| UIYCI3538A309T339NF | 309 ~ 339 | 0.7 | 18 | 1.3 | 300 | 30 | N-F | -20 ~ +65 |
| UIYCI3538A350T370SF | 350 ~ 370 | 0.3 | 23 | 1.2 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCI3538A380T460SF | 380 ~ 460 | 0.5 | 18 | 1.3 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCI3538A390T410SF | 390 ~ 410 | 0.3 | 23 | 1.2 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCI3538A400T470SF | 400 ~ 470 | 0.5 | 20 | 1.25 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCI3538A413T419NFTNM | 413 ~ 419 | 0.3 | 35 | 1.15 | 300 | 30 | N-F to N-M | -30 ~ +70 |
| UIYCI3538A419T425NFTNM | 419 ~ 425 | 0.3 | 35 | 1.15 | 300 | 30 | N-F to N-M | -30 ~ +70 |
| UIYCI3538A440T470NF | 440 ~ 470 | 0.3 | 23 | 1.2 | 300 | 30 | N-F | -30 ~ +70 |
| UIYCI3538A470T570SF | 470 ~ 570 | 0.45 | 19 | 1.25 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCI3538A570T670SF | 570 ~ 670 | 0.4 | 20 | 1.25 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCI3538A670T770SF | 670 ~ 770 | 0.4 | 20 | 1.25 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCI3538A770T860SF | 770 ~ 860 | 0.35 | 23 | 1.2 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCI3538A600T800SF | 600 ~ 800 | 0.5 | 18 | 1.3 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCI3538A860T872NF | 860 ~ 872 | 0.3 | 30 | 1.15 | 100 | 30 | N-F | -30 ~ +70 |
| UIYCI3538A900T930NF | 900 ~ 930 | 0.3 | 30 | 1.15 | 100 | 30 | N-F | -30 ~ +70 |
| UIYCI3538A1100T1700NF | 1100 ~ 1700 | 0.5 | 15 | 1.45 | 100 | 30 | N-F | -30 ~ +70 |

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5