

## 3.3 to 7.2GHz – Coaxial Circulator

### Design Features

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

### RF Characteristics

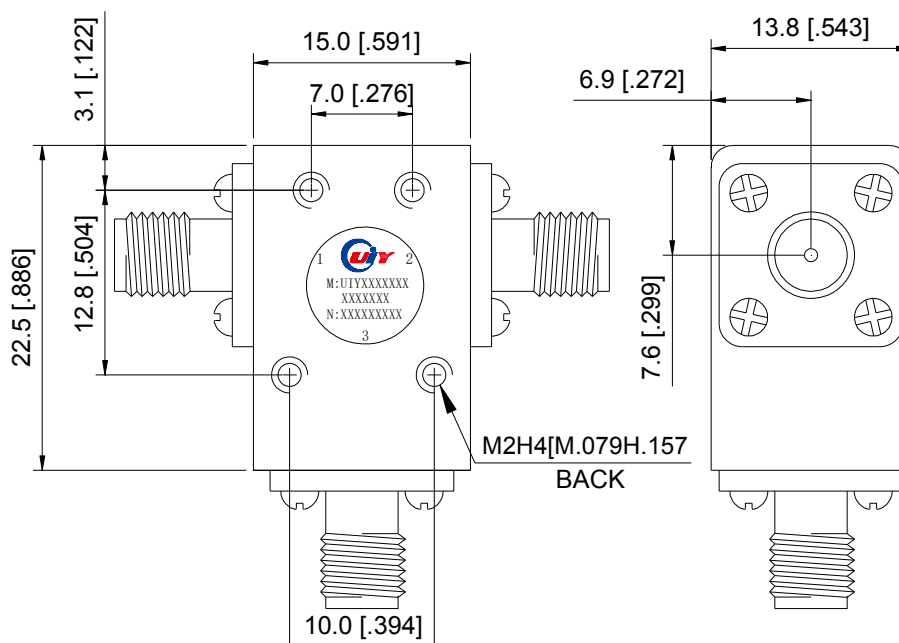
| Model Number       | Freq. Range (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|--------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCC1522A33T36SF  | 3.3 ~ 3.6         | 0.4                    | 20                | 1.25     | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A35T4SF   | 3.5 ~ 4.0         | 0.4                    | 20                | 1.25     | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A38T42SF  | 3.8 ~ 4.2         | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A42T47SF  | 4.2 ~ 4.7         | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A44T5SF   | 4.4 ~ 5.0         | 0.4                    | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A47T52SF  | 4.7 ~ 5.2         | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A5T6SF    | 5.0 ~ 6.0         | 0.5                    | 18                | 1.3      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A5T6NF    | 5.0 ~ 6.0         | 0.5                    | 18                | 1.3      | 60               | 60               | N-F            | -40 ~ +85 |
| UIYCC1522A5T55SF   | 5.0 ~ 5.5         | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A51T585SF | 5.1 ~ 5.85        | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A55T6SF   | 5.5 ~ 6.0         | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A57T59SF  | 5.7 ~ 5.9         | 0.3                    | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A51T585SF | 5.1 ~ 5.85        | 0.35                   | 23                | 1.2      | 60               | 60               | SMA-F          | -40 ~ +85 |
| UIYCC1522A58T72SF  | 5.8 ~ 7.2         | 0.4                    | 20                | 1.25     | 60               | 60               | SMA-F          | -40 ~ +85 |

<sup>2</sup> List are specify frequency range and other ranges available.

<sup>2</sup> 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  $\pm 0.2\text{mm}$  unless otherwise stated.

Ver. 5

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