

4 to 5.85GHz – Microstrip Circulator

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 (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYMC1212A4T45 | 4.0 ~ 4.5 | 0.4 | 20 | 1.2 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A42T54 | 4.2 ~ 5.4 | 0.6 | 18 | 1.3 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A42T55 | 4.2 ~ 5.5 | 0.6 | 18 | 1.3 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A44T47 | 4.4 ~ 4.7 | 0.4 | 20 | 1.2 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A44T585 | 4.4 ~ 5.85 | 0.6 | 18 | 1.3 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A45T5 | 4.5 ~ 5.0 | 0.4 | 20 | 1.2 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A48T52 | 4.8 ~ 5.2 | 0.4 | 20 | 1.2 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A5T56 | 5.0 ~ 5.6 | 0.4 | 20 | 1.25 | 15 | 15 | Microstrip | -55 ~ +85 |
| UIYMC1212A52T58 | 5.2 ~ 5.8 | 0.4 | 20 | 1.25 | 15 | 15 | Microstrip | -55 ~ +85 |

² List are specify frequency range and other ranges available.

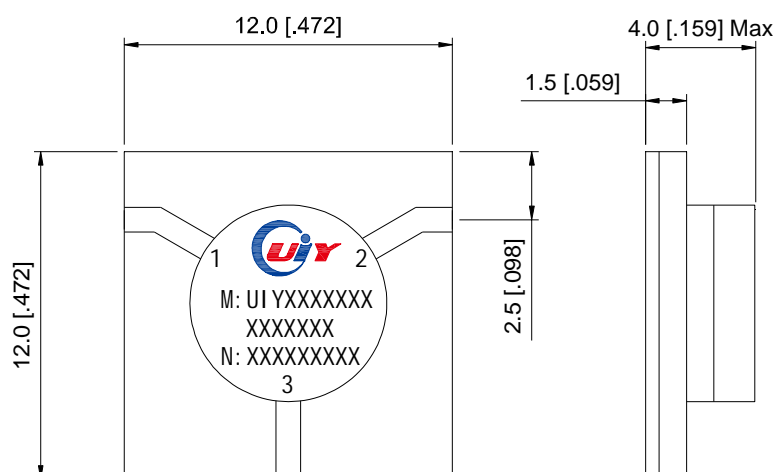
² Please enter below information when inquiry and mark * is must.

* 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 $\pm 2\%$ unless otherwise stated.

Ver. 5