

1700 to 3000MHz – Surface Mount Circulator

Design Features

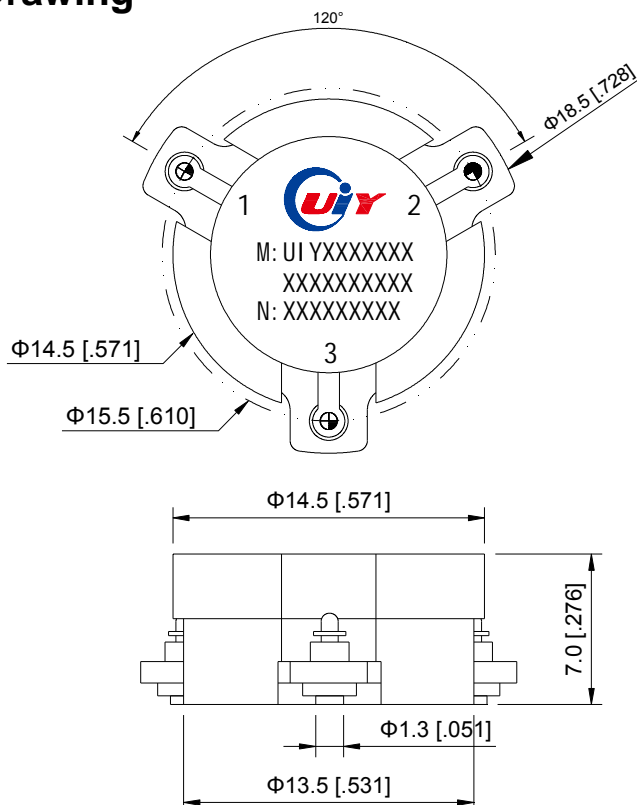
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

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) |
|-------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYSC14A1710T1785 | 1710 ~ 1785 | 0.25 | 22 | 1.2 | 50 | 50 | SMT | +25 |
| | | 0.3 | 19 | 1.3 | | | | -40 ~ +85 |
| UIYSC14A1805T1880 | 1805 ~ 1880 | 0.3 | 21 | 1.2 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A1920T1990 | 1920 ~ 1990 | 0.3 | 21 | 1.2 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2110T2170 | 2110 ~ 2170 | 0.3 | 23 | 1.2 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2200T2300 | 2200 ~ 2300 | 0.35 | 20 | 1.25 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2400T2500 | 2400 ~ 2500 | 0.35 | 20 | 1.25 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2500T2600 | 2500 ~ 2600 | 0.35 | 20 | 1.25 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2500T2700 | 2500 ~ 2700 | 0.4 | 20 | 1.25 | 50 | 50 | SMT | -40 ~ +85 |
| UIYSC14A2800T3000 | 2800 ~ 3000 | 0.4 | 20 | 1.25 | 50 | 50 | SMT | -40 ~ +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 ±0.2mm unless otherwise stated.

Ver. 5

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