

## 4 to 7GHz – 4 Port Dual Junction Drop in Circulator

### Design Features

- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

### RF Characteristics

| Model Number         | Freq. Range (GHz) | Insertion Loss (1-2 & 3-4) Max(dB) | Isolation (2-1 & 4-3) Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|----------------------|-------------------|------------------------------------|-------------------------------|----------|------------------|------------------|----------------|-----------|
| UIYDDC2420A4P45T5    | 4.5 ~ 5.0         | 0.8                                | 40                            | 1.25     | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P47T52   | 4.7 ~ 5.2         | 0.8                                | 40                            | 1.25     | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P5T58    | 5.0 ~ 5.8         | 0.8                                | 40                            | 1.25     | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P5T6     | 5.0 ~ 6.0         | 1.0                                | 36                            | 1.3      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P52T59   | 5.2 ~ 5.9         | 0.8                                | 40                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P54T59   | 5.4 ~ 5.9         | 0.8                                | 45                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P55T6    | 5.6 ~ 6.0         | 0.6                                | 45                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P57T59   | 5.7 ~ 5.9         | 0.6                                | 45                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P57T65   | 5.7 ~ 6.5         | 1.0                                | 40                            | 1.25     | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P6T7     | 6.0 ~ 7.0         | 0.7                                | 45                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |
| UIYDDC2420A4P635T655 | 6.35 ~ 6.55       | 0.6                                | 45                            | 1.2      | 60               | 60               | TAB            | -40 ~ +85 |

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

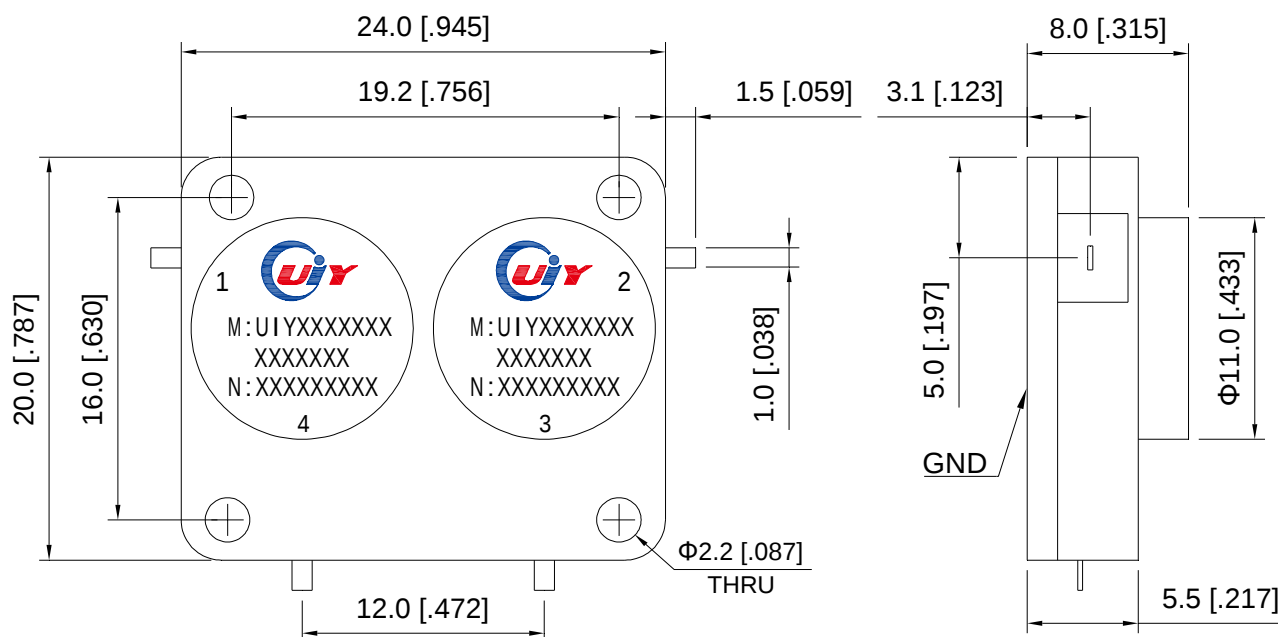
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 1. The specific frequency ranges

\* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



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

Ver. 5