

# 3.5 to 7.0GHz – 4 Port Dual Junction Coaxial Circulator

## Design Features

- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

## RF Characteristics

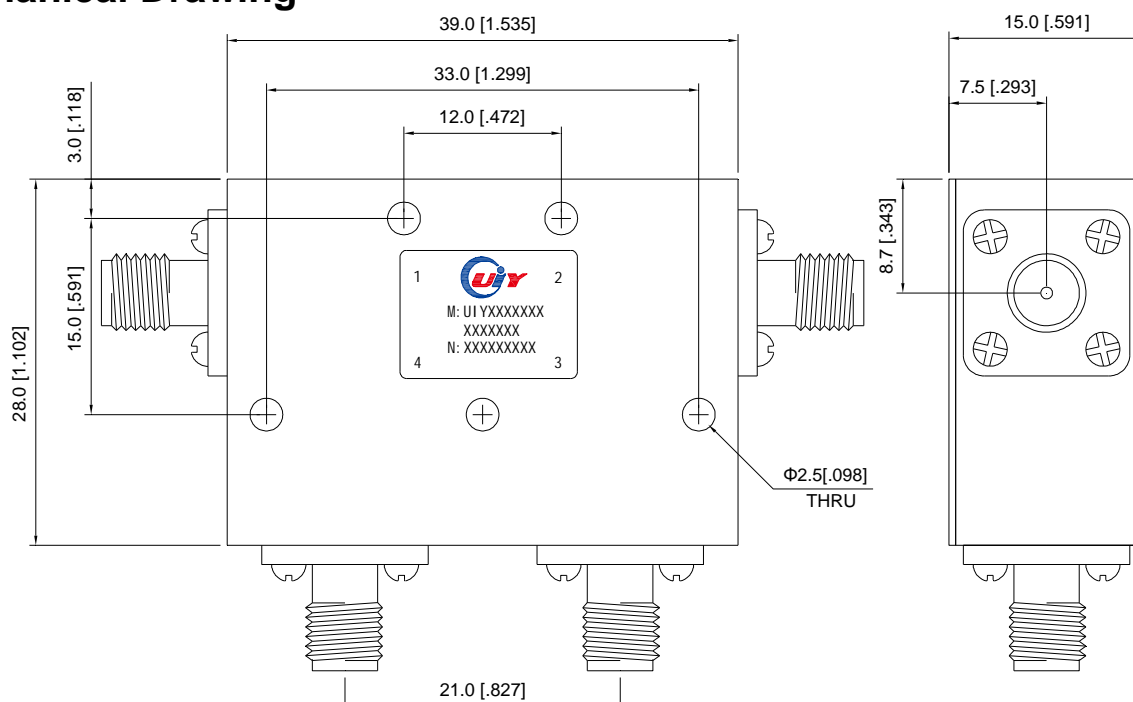
Model Number	Freq. Range (GHz)	Insertion Loss (1-2 & 3-4) Max(dB)	Isolation (2-1 & 4-3) Min(dB)	VSWR Max	Forward Power (W)	Reverse Power (W)	Connector Type	Temp.(°C)
UIYCDC3928A4P42T47SF	4.2 ~ 4.7	0.7	40	1.25	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P44T55SF	4.4 ~ 5.0	0.8	40	1.25	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P49T51SF	4.9 ~ 5.1	0.7	45	1.2	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P5T55SF	5.0 ~ 5.5	0.8	40	1.25	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P54T59SF	5.4 ~ 5.9	0.8	45	1.2	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P56T65SF	5.6 ~ 6.0	0.6	45	1.2	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P57T65SF	5.7 ~ 6.5	1.0	40	1.25	60	60	SMA-F	-40 ~ +85
UIYCDC3928A4P6T7SF	6.0 ~ 7.0	0.8	40	1.25	60	60	SMA-F	-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. Connect type (SMA Male/ Female, N Male/ Female, etc.)
- 4. 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