

# 14 to 18GHz – Dual Junction Microstrip Circulator

## Design Features

- ◆ Can be in Dual Junction or Multi-Junction for higher isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

## 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)
		2-1	1-3	1-2	2-3	3-1	3-2					
UIYDMC87A14T15	14.0 ~ 15.0	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87A14T18	14.0 ~ 18.0	0.65	1.1	16	17	28	17	1.35	10	3	Microstrip	-55 ~ +85
UIYDMC87A15T17	15.0 ~ 17.0	0.5	0.9	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87A155T165	15.5 ~ 16.5	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87A16T18	16.0 ~ 18.0	0.5	0.9	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87A165T175	16.5 ~ 17.5	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85

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

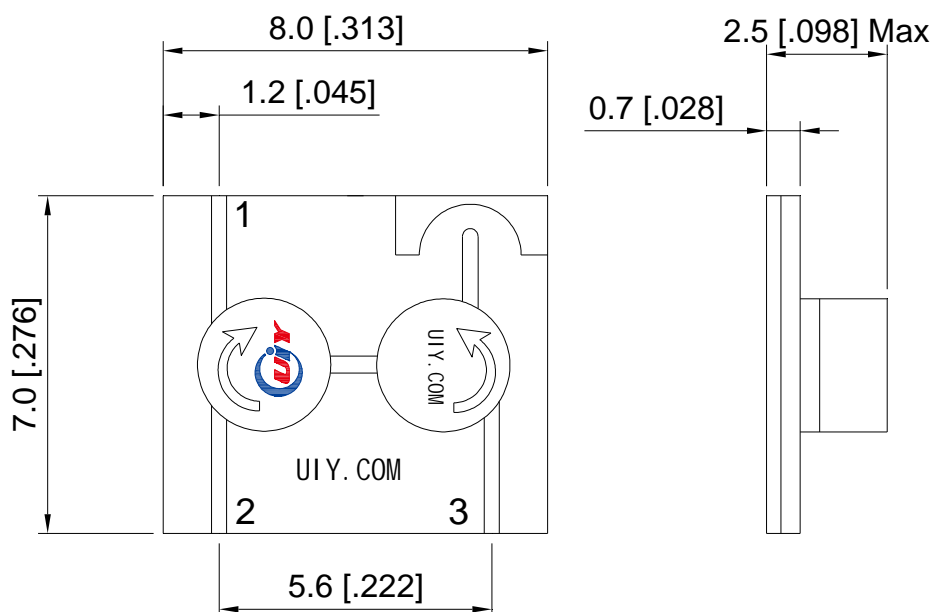
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 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. 5.0