

14 to 18GHz – Dual Junction Microstrip Circulator

Magnetic Shield

Design Features

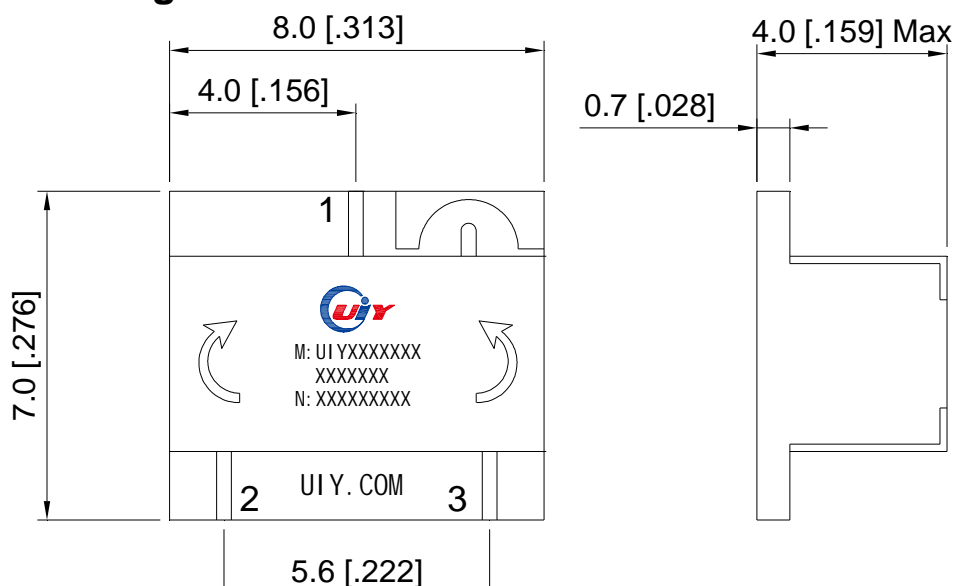
- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

RF Characteristics

Model Number	Freq. Range (GHz)	Insertion Loss 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					
UIYDMC87D14T15	14.0 ~ 15.0	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87D14T18	14.0 ~ 18.0	0.65	1.1	16	17	28	17	1.35	10	3	Microstrip	-55 ~ +85
UIYDMC87D15T17	15.0 ~ 17.0	0.5	0.9	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87D15T18	15.0 ~ 18.0	0.6	1.0	18	18	30	18	1.3	10	3	Microstrip	-55 ~ +85
UIYDMC87D155T165	15.5 ~ 16.5	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87D16T18	16.0 ~ 18.0	0.5	0.9	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85
UIYDMC87D165T175	16.5 ~ 17.5	0.45	0.85	20	20	30	20	1.25	10	3	Microstrip	-55 ~ +85

- ² Listed are specific frequency ranges and tailor-made ranges are available.
² 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