

# 14 to 18GHz – Dual Junction Microstrip Circulator

## Magnetic Shield

### Design Features

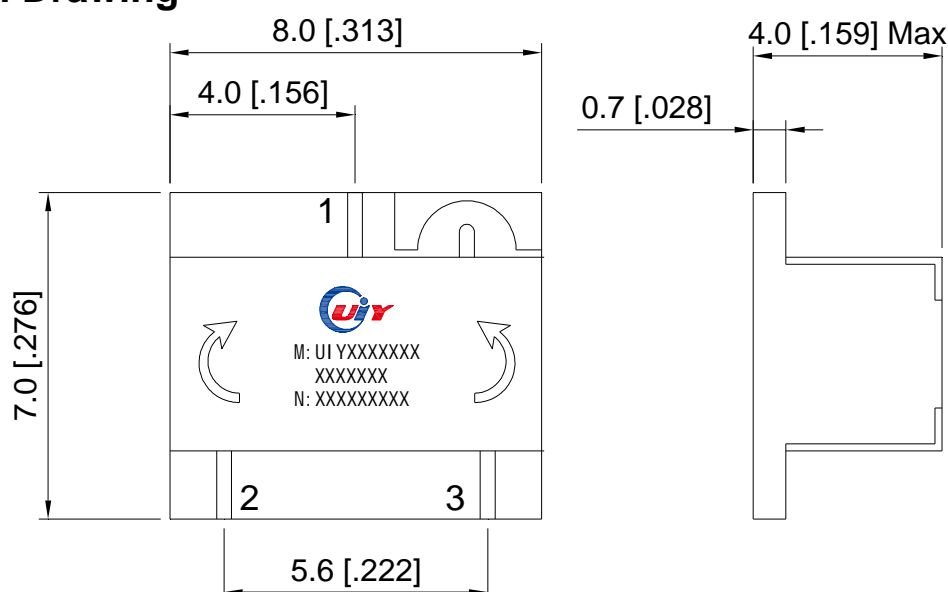
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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

<sup>2</sup> List are specify frequency range and other ranges available.  
<sup>2</sup> 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 ±2% unless otherwise stated.

Ver. 5