

4 to 5.85GHz – Microstrip Circulator

Design Features

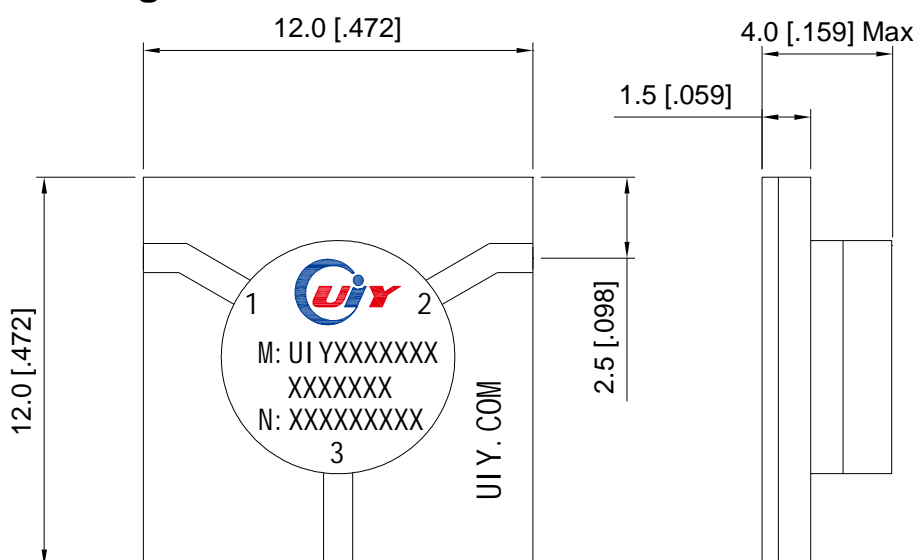
- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

RF Characteristics

Model Number	Freq. Range (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYMC1212A4T45	4.0 ~ 4.5	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1212A42T54	4.2 ~ 5.4	0.6	18	1.3	15	15	Microstrip	-55 ~ +85
UIYMC1212A42T55	4.2 ~ 5.5	0.6	18	1.3	15	15	Microstrip	-55 ~ +85
UIYMC1212A44T47	4.4 ~ 4.7	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1212A44T585	4.4 ~ 5.85	0.6	18	1.3	15	15	Microstrip	-55 ~ +85
UIYMC1212A45T5	4.5 ~ 5.0	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1212A48T52	4.8 ~ 5.2	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1212A5T56	5.0 ~ 5.6	0.4	20	1.25	15	15	Microstrip	-55 ~ +85
UIYMC1212A52T58	5.2 ~ 5.8	0.4	20	1.25	15	15	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