

2.7 to 4.9GHz – Microstrip Circulator

Design Features

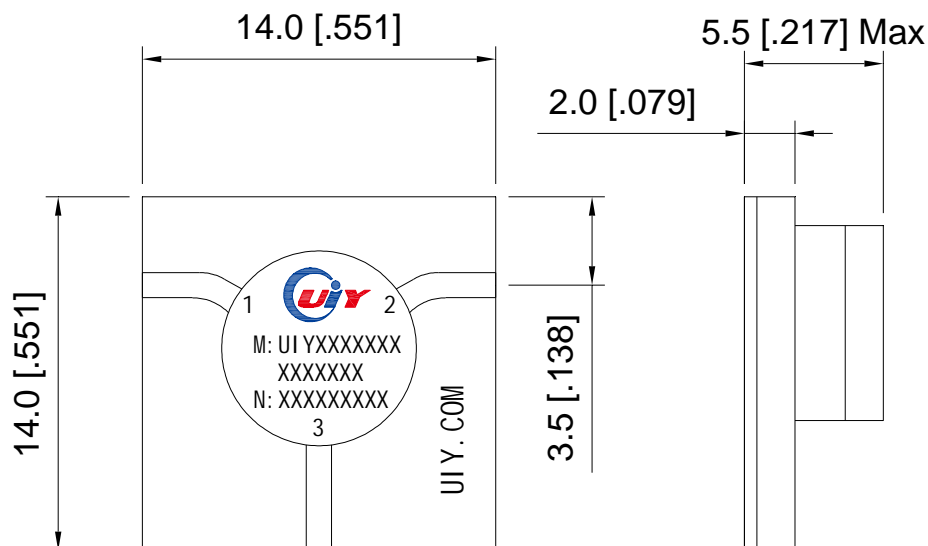
- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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)
UIYMC1414A27T31	2.7 ~ 3.1	0.5	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1414A27T35	2.7 ~ 3.5	0.6	18	1.3	15	15	Microstrip	-55 ~ +85
UIYMC1414A3T34	3.0 ~ 3.4	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1414A3T45	3.0 ~ 4.5	0.8	16	1.35	15	15	Microstrip	-55 ~ +85
UIYMC1414A31T4	3.1 ~ 4.0	0.6	18	1.3	15	15	Microstrip	-55 ~ +85
UIYMC1414A32T42	3.2 ~ 4.2	0.7	16	1.35	15	15	Microstrip	-55 ~ +85
UIYMC1414A32T36	3.2 ~ 3.6	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1414A33T49	3.3 ~ 4.9	0.8	15	1.45	15	15	Microstrip	-55 ~ +85
UIYMC1414A34T37	3.4 ~ 3.7	0.4	20	1.2	15	15	Microstrip	-55 ~ +85
UIYMC1414A37T4	3.7 ~ 4.0	0.4	20	1.2	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