

## 14 to 40GHz – Microstrip Isolator

### Design Features

- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ 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)
UIYMI56A14T16	14 ~ 16	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI56A15T17	15 ~ 17	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI56A15T18	15 ~ 18	0.6	18	1.3	10	3	Microstrip	-55 ~ +85
UIYMI56A177T197	17.7 ~ 19.7	0.6	18	1.3	10	3	Microstrip	-55 ~ +85
UIYMI56A18T20	18 ~ 20	0.6	18	1.3	10	3	Microstrip	-55 ~ +85
UIYMI56A196T212	19.6 ~ 21.2	0.6	18	1.3	10	3	Microstrip	-55 ~ +85
UIYMI56A21T23	21 ~ 23	0.6	18	1.3	10	3	Microstrip	-55 ~ +85
UIYMI56A25T27	25 ~ 27	0.7	18	1.35	10	1	Microstrip	-55 ~ +85
UIYMI56A27T29	27 ~ 29	0.7	18	1.35	10	1	Microstrip	-55 ~ +85
UIYMI56A28T31	28 ~ 31	0.7	18	1.35	10	1	Microstrip	-55 ~ +85
UIYMI56A30T33	30 ~ 33	0.7	18	1.35	10	1	Microstrip	-55 ~ +85
UIYMI56A33T37	33 ~ 37	0.7	18	1.35	10	1	Microstrip	-55 ~ +85
UIYMI56A37T40	37 ~ 40	0.7	18	1.35	10	1	Microstrip	-55 ~ +85

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

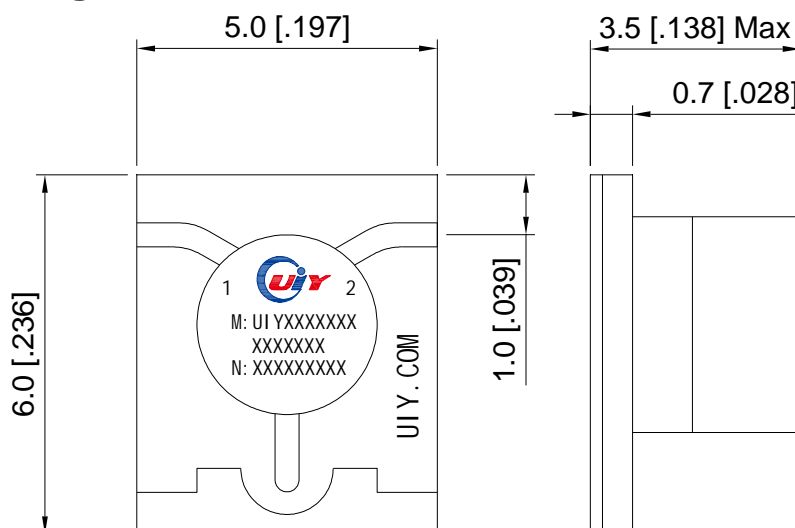
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 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. 5.2