

## 2.7 to 4.9GHz – Microstrip Isolator

### 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)
UIYMI1416A27T31	2.7 ~ 3.1	0.5	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1416A27T35	2.7 ~ 3.5	0.6	18	1.3	15	5	Microstrip	-55 ~ +85
UIYMI1416A3T34	3.0 ~ 3.4	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1416A3T45	3.0 ~ 4.5	0.8	16	1.35	15	5	Microstrip	-55 ~ +85
UIYMI1416A31T4	3.1 ~ 4.0	0.6	18	1.3	15	5	Microstrip	-55 ~ +85
UIYMI1416A32T42	3.2 ~ 4.2	0.7	16	1.35	15	5	Microstrip	-55 ~ +85
UIYMI1416A32T36	3.2 ~ 3.6	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1416A33T49	3.3 ~ 4.9	0.8	15	1.45	15	5	Microstrip	-55 ~ +85
UIYMI1416A34T37	3.4 ~ 3.7	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1416A37T4	3.7 ~ 4.0	0.4	20	1.2	15	5	Microstrip	-55 ~ +85

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

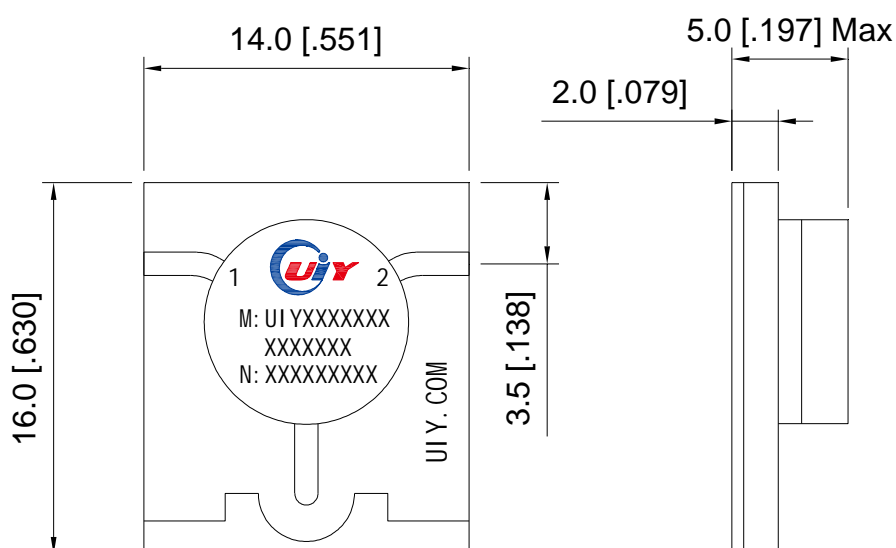
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 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.

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