

## 3.9 to 5.9GHz – Microstrip Isolator

### Design Features

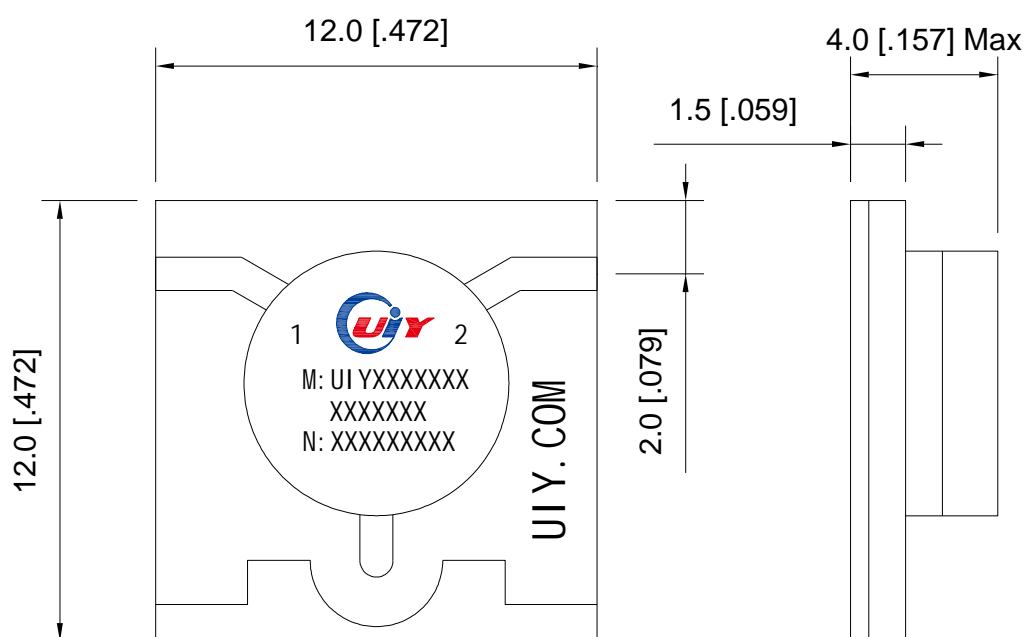
- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### 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)
UIYMI1212A39T43	3.9 ~ 4.3	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1212A4T45	4.0 ~ 4.5	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1212A42T54	4.2 ~ 5.4	0.6	18	1.35	15	5	Microstrip	-55 ~ +85
UIYMI1212A44T47	4.4 ~ 4.7	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1212A44T59	4.4 ~ 5.9	0.7	17	1.35	15	5	Microstrip	-55 ~ +85
UIYMI1212A46T5	4.6 ~ 5.0	0.4	20	1.2	15	5	Microstrip	-55 ~ +85
UIYMI1212A48T52	4.8 ~ 5.2	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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