

## 5 to 8GHz – Microstrip Isolator

### Design Features

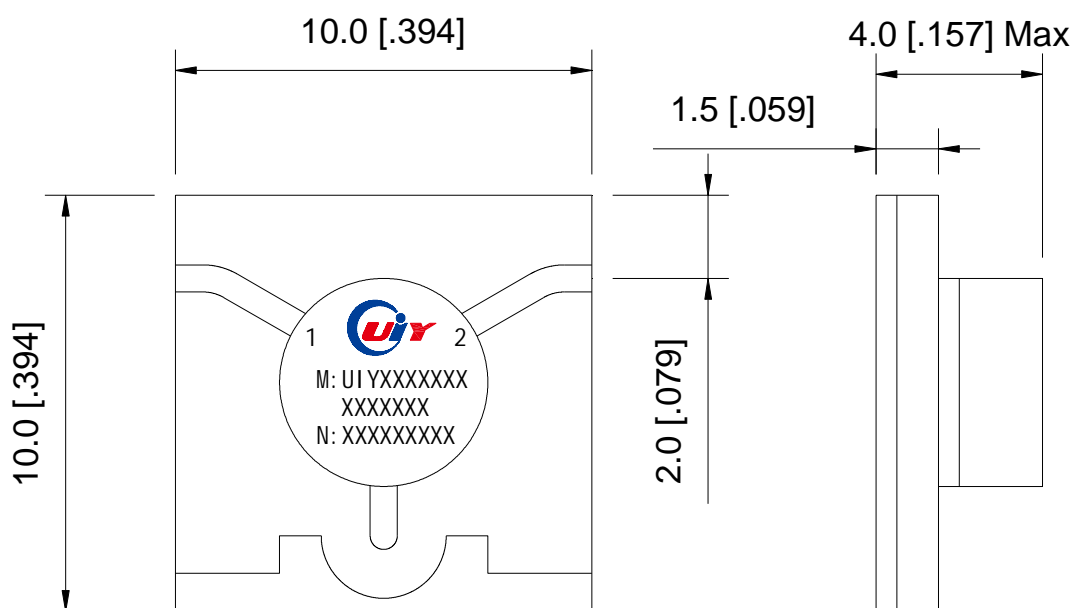
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### 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)
UIYMI1010A5T8	5.0 ~ 8.0	0.9	16	1.5	15	5	Microstrip	-55 ~ +85
UIYMI1010A527T58	5.2 ~ 5.8	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI1010A57T6	5.7 ~ 6.0	0.4	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI1010A58T67	5.8 ~ 6.7	0.5	18	1.3	15	5	Microstrip	-55 ~ +85
UIYMI1010A6T65	6.0 ~ 6.5	0.4	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI1010A64T7	6.4 ~ 7.0	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI1010A65T75	6.5 ~ 7.5	0.5	20	1.3	15	5	Microstrip	-55 ~ +85

<sup>2</sup> List are specify frequency range and other ranges available.  
<sup>2</sup> Please enter below information when inquiry and mark \* is must.  
 \* 1. The specific frequency range  
 \* 2. Power handling (Forward, Reverse, Peak, etc.)  
 3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5