

## 7 to 12GHz – Microstrip Isolator

### Design Features

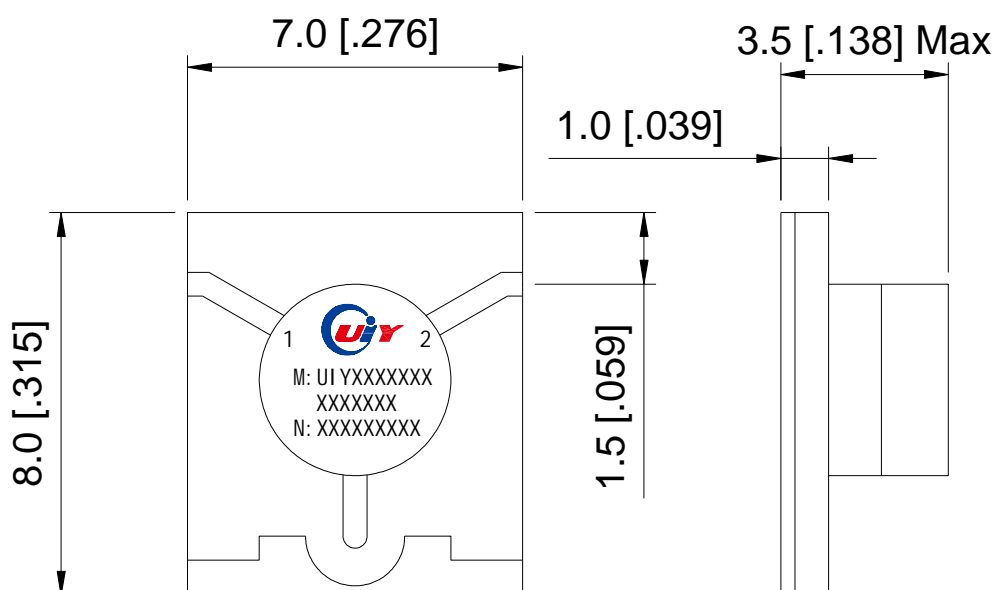
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### 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)
UIYMI78A7T75	7.0 ~ 7.5	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI78A7T9	7.0 ~ 9.0	0.5	18	1.3	15	5	Microstrip	-55 ~ +85
UIYMI78A722T778	7.22 ~ 7.78	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI78A75T8	7.5 ~ 8.0	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI78A75T95	7.5 ~ 9.5	0.6	18	1.3	15	5	Microstrip	-55 ~ +85
UIYMI78A8T85	8.0 ~ 8.5	0.5	20	1.25	15	5	Microstrip	-55 ~ +85
UIYMI78A8T12	8.0 ~ 12.0	0.6	18	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  $\pm 0.2$ mm unless otherwise stated.

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