

## 5.8 to 20.0GHz – Drop in Isolator

### Design Features

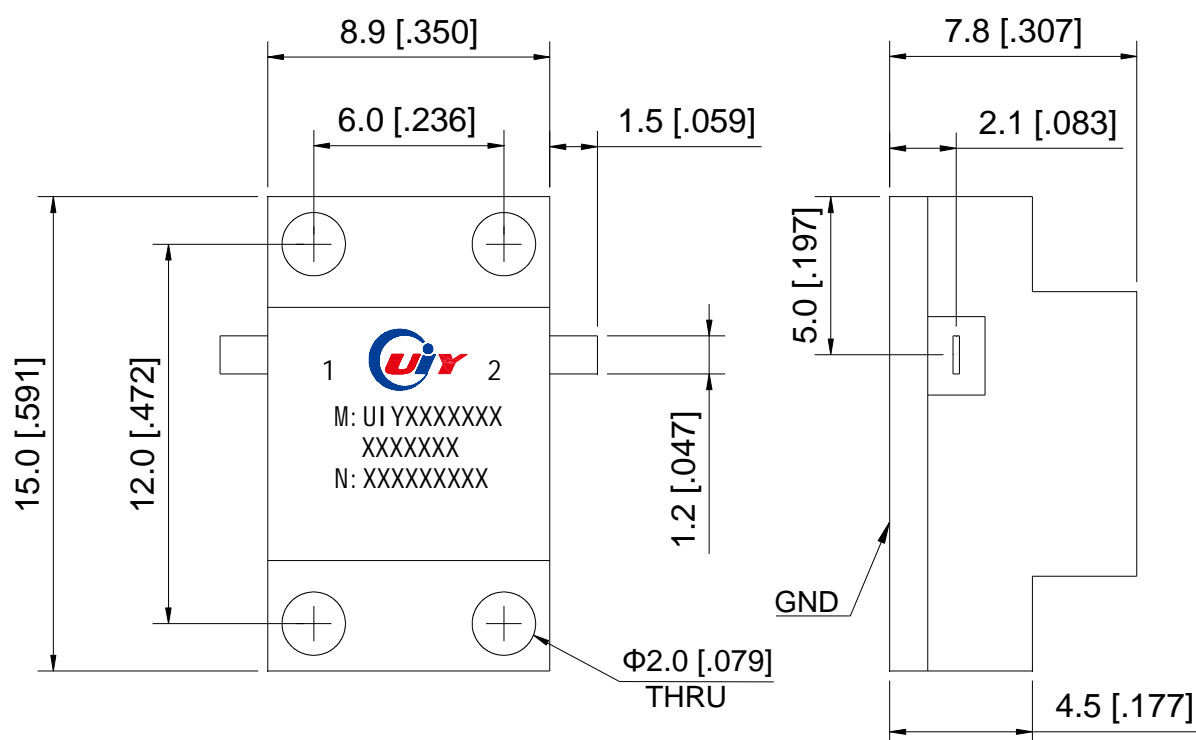
- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### 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)
UIYDI815A58T62	5.8 ~ 6.2	0.5	20	1.25	30	10	TAB	-40 ~ +85
UIYDI815A79T84	7.9 ~ 8.4	0.3	23	1.2	30	10	TAB	-40 ~ +85
UIYDI815A8T12	8.0 ~ 12.0	0.5	18	1.3	30	10	TAB	-40 ~ +85
UIYDI815A93T10	9.3 ~ 10.0	0.35	23	1.2	30	10	TAB	-40 ~ +85
UIYDI815A10T13	10.0 ~ 13.0	0.5	20	1.25	30	10	TAB	-40 ~ +85
UIYDI815A1375T145	13.75 ~ 14.5	0.3	23	1.2	30	10	TAB	-40 ~ +85
UIYDI815A138T178	13.8 ~ 17.8	0.5	18	1.3	30	10	TAB	-40 ~ +85
UIYDI815A177T197	17.7 ~ 19.7	0.35	20	1.25	30	10	TAB	-40 ~ +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 ±0.2mm unless otherwise stated.

Ver. 5

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