

## 70 to 130MHz – Drop in Isolator

### Design Features

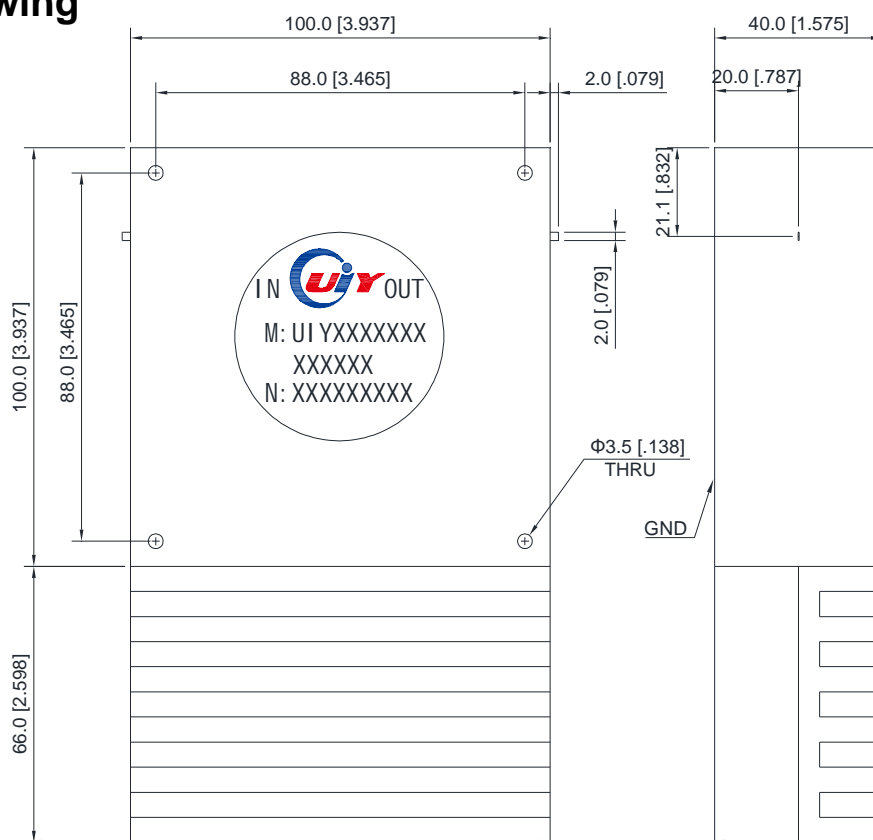
- ◆ Can be in Dual Junction or Multi-Junction for higher isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDI100166A70T75	70 ~ 75	1.2	16	1.45	500	250	TAB	0 ~ +70
UIYDI100166A75T85	75 ~ 85	1.2	16	1.45	500	250	TAB	0 ~ +70
UIYDI100166A76T96	76 ~ 96	1.2	16	1.45	500	250	TAB	0 ~ +70
UIYDI100166A80T90	80 ~ 90	0.8	16	1.45	500	250	TAB	0 ~ +70
UIYDI100166A88T108	88 ~ 108	1.0	16	1.45	500	250	TAB	0 ~ +70
UIYDI100166A110T130	110 ~ 130	0.8	17	1.4	500	250	TAB	0 ~ +70

- 2 Listed are specific frequency ranges and tailor-made ranges are available.  
 2 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.

Ver. 5.1