

## 10 to 55MHz – Drop in Isolator

### Design Features

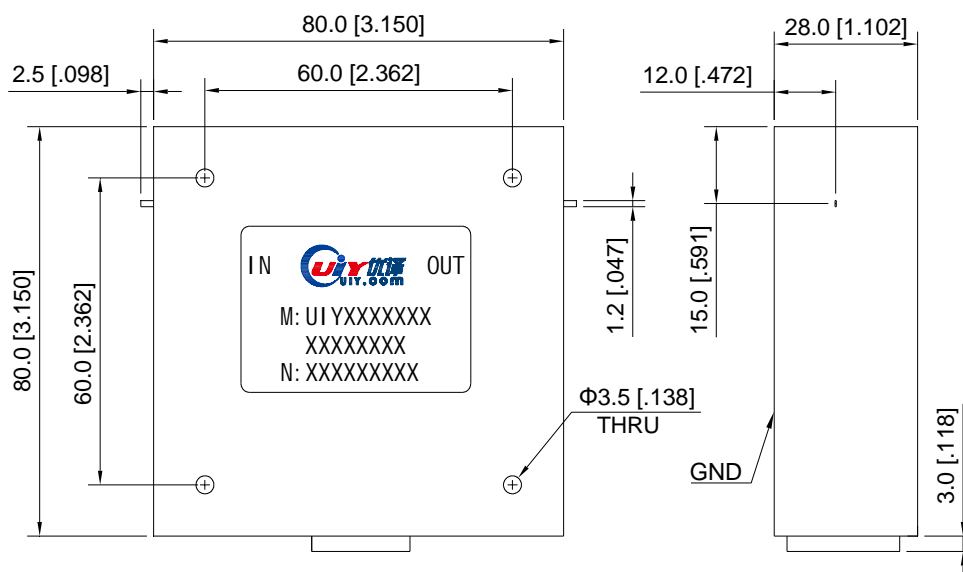
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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)
UIYDI8080A10T12	10 ~ 12	6.0	11	1.8	50	50	TAB	+20 ~ +60
UIYDI8080A12713T14407	12.713 ~ 14.407	6.0	11	1.8	50	50	TAB	+20 ~ +60
UIYDI8080A13T14	13 ~ 14	6.0	14	1.5	50	50	TAB	+20 ~ +60
UIYDI8080A25T30	25 ~ 30	3.5	12	1.45	50	50	TAB	+10 ~ +60
UIYDI8080A26T28	26 ~ 28	3.0	15	1.45	50	50	TAB	+10 ~ +60
UIYDI8080A285T305	28.5 ~ 30.5	2.8	16	1.4	50	50	TAB	+10 ~ +60
UIYDI8080A30T32	30 ~ 32	1.8	16	1.4	50	50	TAB	+10 ~ +60
UIYDI8080A30T35	30 ~ 35	2.5	15	1.5	50	50	TAB	+10 ~ +60
UIYDI8080A35T45	35 ~ 45	3.0	16	1.4	50	50	TAB	+10 ~ +60
UIYDI8080A44T46	44 ~ 46	1.2	20	1.25	50	50	TAB	25±5
		1.5	17	1.35				+20 ~ +60

- 2 List are specify frequency range and other ranges available.  
 2 Please enter below information when inquiry and mark \* is must.  
 \* 1. The specific frequency range  
 \* 2. Power handling (Forward, Reverse, Peak, etc.)  
 \* 3. Connect type (SMA Male/ Female, N Male/ Female, etc.)  
 \* 4. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



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

Ver. 5.1