

# 180 to 500MHz – Dual Junction Drop in Isolator

## Design Features

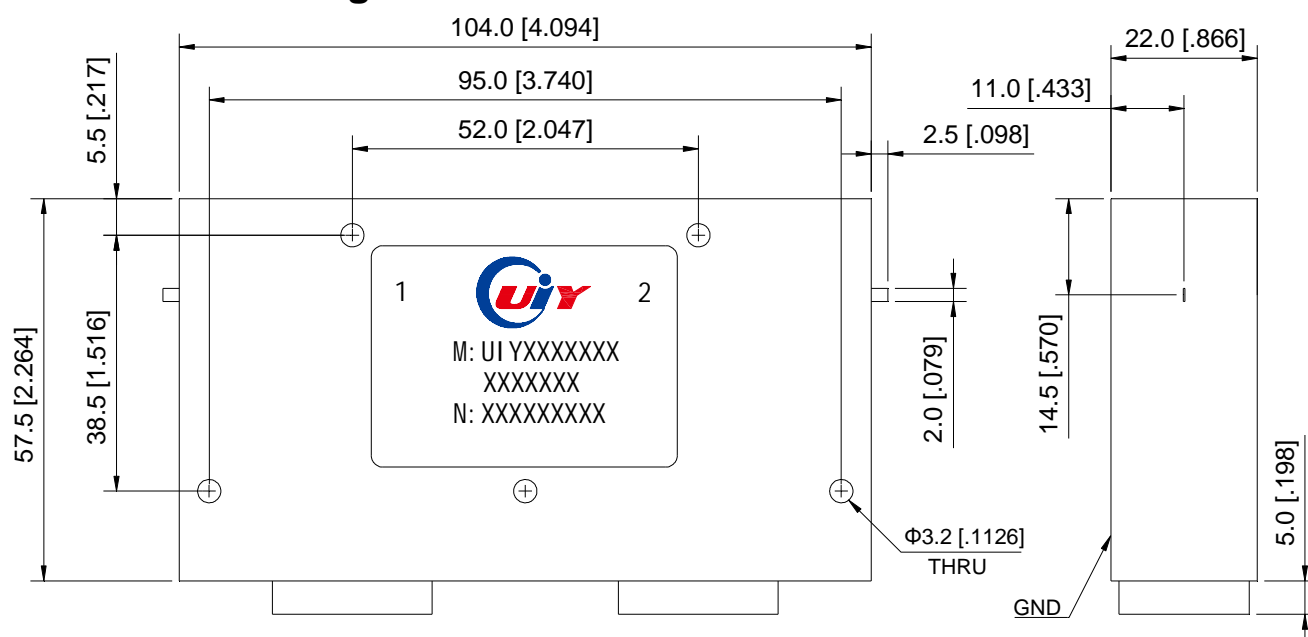
- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

## 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)
UIYDDI10457A180T210	180 ~ 200	1.4	36	1.3	300	30	TAB	-20 ~ +65
UIYDDI10457A1975T2075	197.5 ~ 207.5	1.2	40	1.25	300	30	TAB	-20 ~ +65
UIYDDI10457A200T210	200 ~ 210	1.0	40	1.25	300	30	TAB	-20 ~ +65
UIYDDI10457A210T250	210 ~ 250	1.6	36	1.3	300	30	TAB	-20 ~ +65
UIYDDI10457A250T280	250 ~ 280	1.0	40	1.25	300	30	TAB	-20 ~ +65
UIYDDI10457A265T275	265 ~ 275	0.8	40	1.2	300	30	TAB	-30 ~ +70
UIYDDI10457A360T400	360 ~ 400	0.7	50	1.2	300	50	TAB	-30 ~ +70
UIYDDI10457A400T430	400 ~ 430	0.6	50	1.2	300	30	TAB	-30 ~ +70
UIYDDI10457A400T470	400 ~ 470	0.7	45	1.2	300	30	TAB	-30 ~ +70
UIYDDI10457A430T470	430 ~ 470	0.6	50	1.2	300	50	TAB	-30 ~ +70

- <sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.  
<sup>2</sup> 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 ±0.2mm unless otherwise stated.

Ver. 5