

# 10 to 55MHz – 4 Port Dual Junction Drop in Circulator

## Design Features

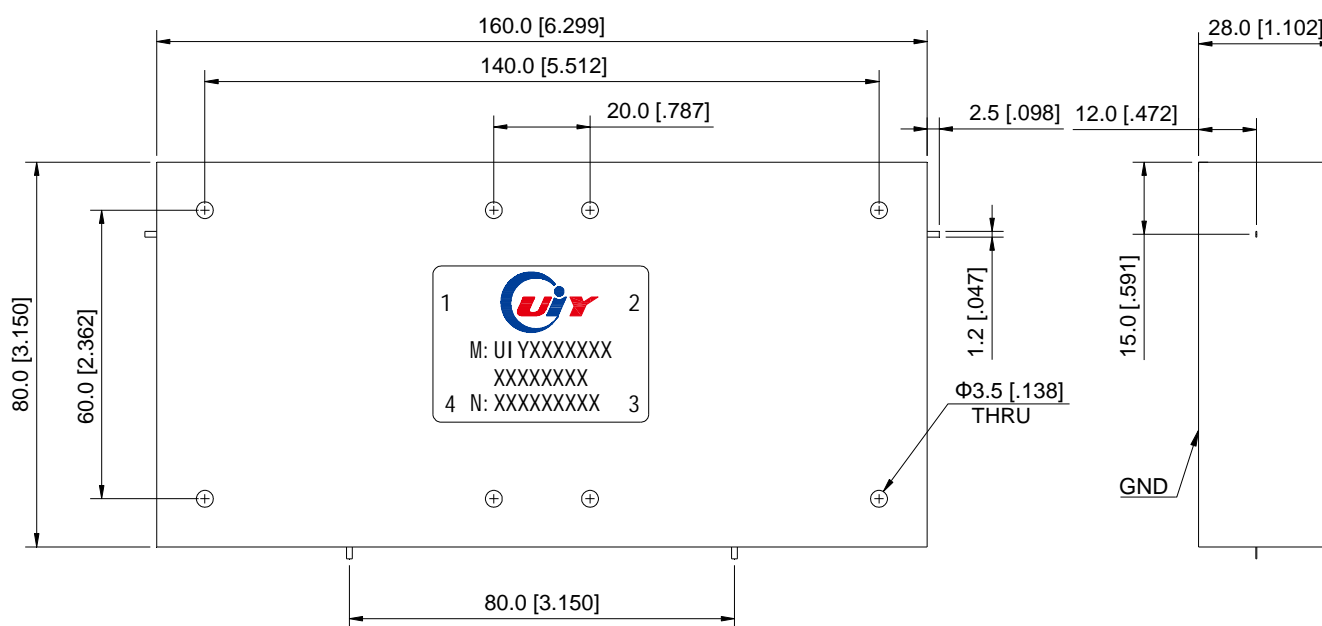
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

## RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss (1-2 & 3-4) Max(dB)	Isolation (2-1 & 4-3) Min(dB)	VSWR Max	Forward Power (W)	Reverse Power (W)	Connector Type	Temp.(°C)
UIYDDC16080A4P25T30	25 ~ 30	7.0	24	1.45	50	50	TAB	+10 ~ +60
UIYDDC16080A4P26T28	26 ~ 28	6.0	30	1.45	50	50	TAB	+10 ~ +60
UIYDDC16080A4P285T305	28.5 ~ 30.5	5.6	32	1.4	50	50	TAB	+10 ~ +60
UIYDDC16080A4P30T32	30 ~ 32	3.6	32	1.4	50	50	TAB	+10 ~ +60
UIYDDC16080A4P30T35	30 ~ 35	6.0	32	1.4	50	50	TAB	+10 ~ +60
UIYDDC16080A4P35T45	35 ~ 45	5.0	40	1.4	50	50	TAB	+10 ~ +60
UIYDDC16080A4P44T46	44 ~ 46	2.4	40	1.25	50	50	TAB	25 ± 5
		3.0	34	1.35				+20 ~ +60

- <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. 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