

## 0.8 to 4.2GHz – Dual Junction Drop in Isolator

### Design Features

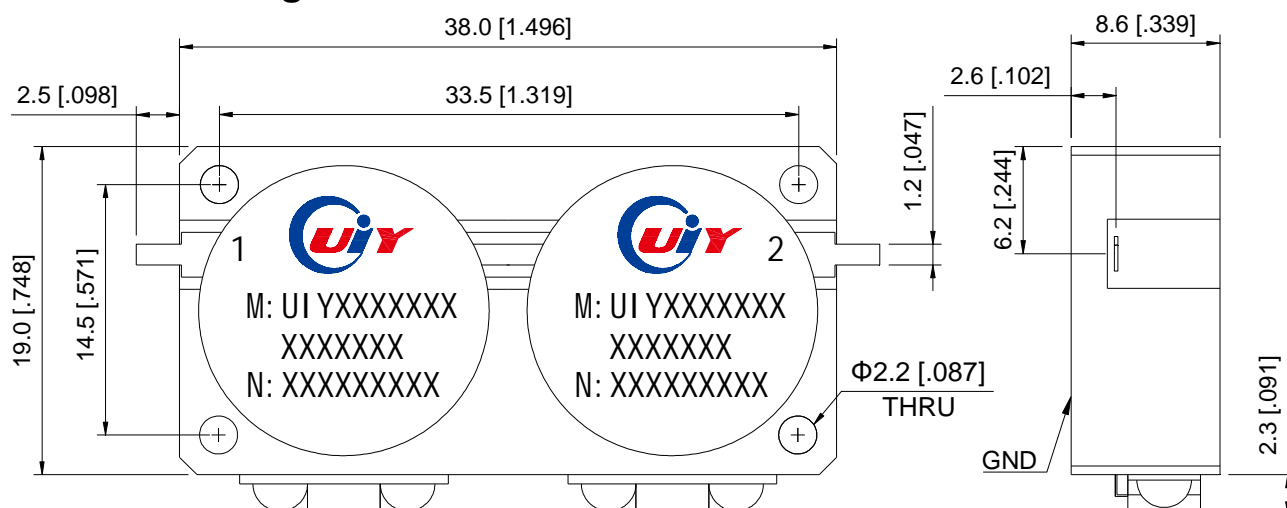
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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)
UIYDDI3819A824T849	824 ~ 849	0.8	40	1.25	100	30	TAB	-30 ~ +70
UIYDDI3819A869T894	869 ~ 894	0.8	40	1.25	100	30	TAB	-30 ~ +70
UIYDDI3819A925T960	925 ~ 960	0.8	40	1.25	100	30	TAB	-30 ~ +70
UIYDDI3819A1030T1090	1030 ~ 1090	0.6	45	1.2	100	30	TAB	-30 ~ +70
UIYDDI3819A1070T1210	1070 ~ 1210	1.0	36	1.3	100	30	TAB	-30 ~ +70
UIYDDI3819A1200T1400	1200 ~ 1400	0.8	40	1.25	100	30	TAB	-30 ~ +70
UIYDDI3819A1250T1450	1250 ~ 1450	0.8	40	1.25	100	30	TAB	-30 ~ +70
UIYDDI3819A1450T1550	1450 ~ 1550	0.6	45	1.2	100	30	TAB	-30 ~ +70
UIYDDI3819A1805T1880	1710 ~ 1785	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A1805T1880	1805 ~ 1880	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A1920T1990	1920 ~ 1990	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A2110T2170	2110 ~ 2170	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A2400T2600	2400 ~ 2600	0.7	40	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A3400T3600	3400 ~ 3600	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A3600T3800	3600 ~ 3800	0.6	45	1.2	100	30	TAB	-40 ~ +85
UIYDDI3819A3900T4200	3900 ~ 4200	0.6	45	1.2	100	30	TAB	-40 ~ +85

- 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. 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