0.8 to 4.2GHz – 4 Port Dual Junction Drop in Circulator

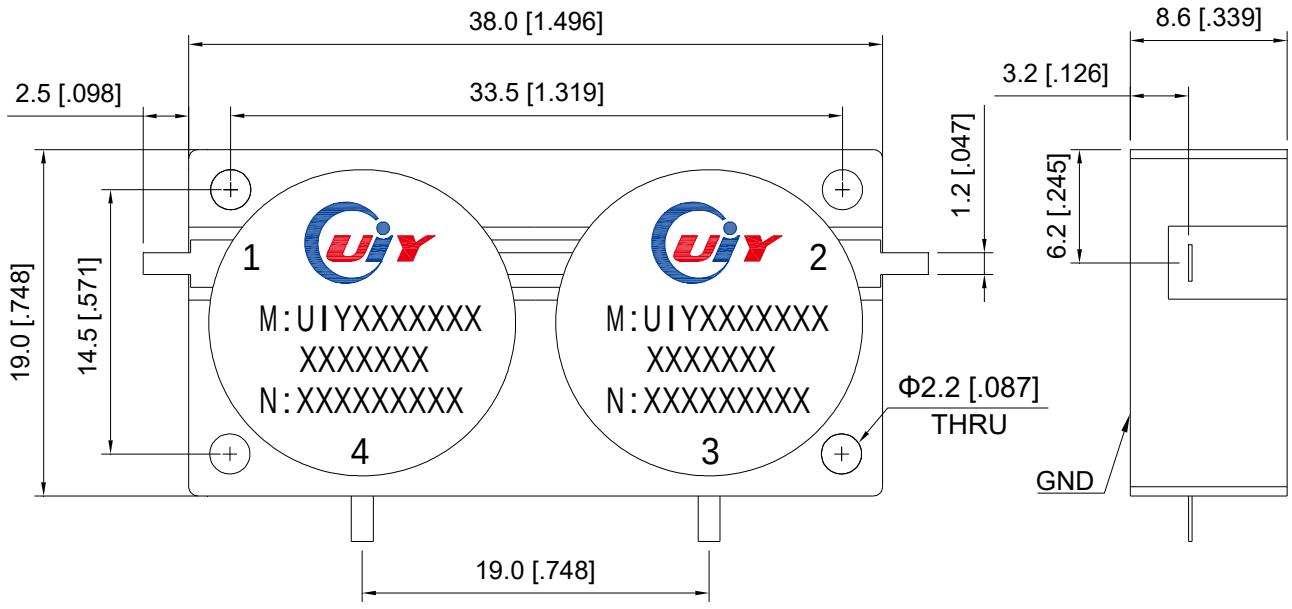
Design Features

- 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 (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)
UIYDDC3819A4P824T849	824 ~ 849	0.8	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC3819A4P869T894	869 ~ 894	0.8	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC3819A4P925T960	925 ~ 960	0.8	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1030T1090	1030 ~ 1090	0.6	45	1.2	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1070T1210	1070 ~ 1210	1.0	36	1.3	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1200T1400	1200 ~ 1400	0.8	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1250T1450	1250 ~ 1450	0.8	40	1.25	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1450T1550	1450 ~ 1550	0.6	45	1.2	100	100	TAB	-30 ~ +70
UIYDDC3819A4P1805T1880	1710 ~ 1785	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P1805T1880	1805 ~ 1880	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P1920T1990	1920 ~ 1990	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P2110T2170	2110 ~ 2170	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P2400T2600	2400 ~ 2600	0.7	40	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P3400T3600	3400 ~ 3600	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P3600T3800	3600 ~ 3800	0.6	45	1.2	100	100	TAB	-40 ~ +85
UIYDDC3819A4P3900T4200	3900 ~ 4200	0.6	45	1.2	100	100	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5

3/F, No 9, Xiangyin Rd, Longgang District, Shenzhen 518116, China.
Web: www.uiy.com
Tel: +86-755-25999990 +86-755-25999909 Fax: +86-755-25999959
E-mail: sales@uiy.com