

# 1.0 to 3.8GHz – Drop in Circulator

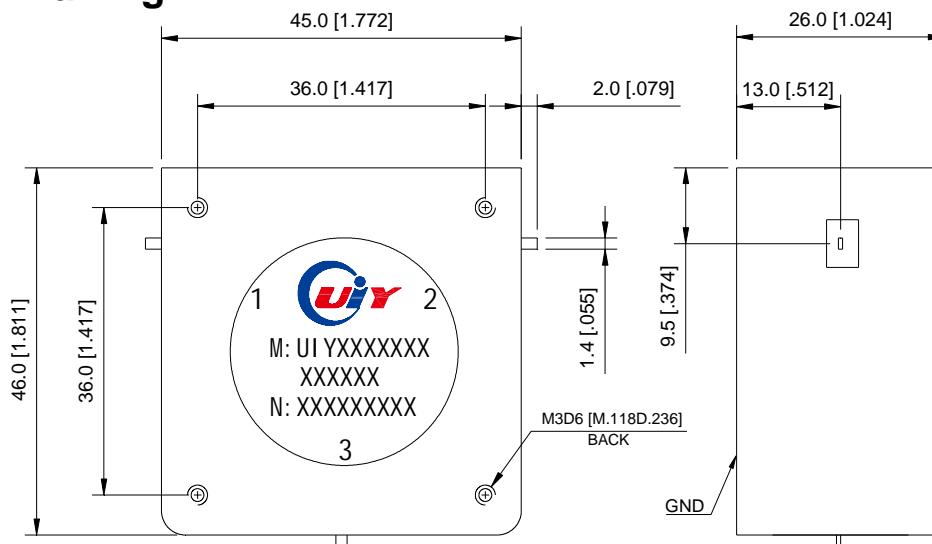
## Design Features

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

## 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)
UIYDC4546A1000T1050	1000 ~ 1050	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A1070T1210	1070 ~ 1210	0.4	20	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1350T1550	1350 ~ 1550	0.4	20	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1500T1700	1500 ~ 1700	0.4	20	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1710T1785	1710 ~ 1785	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A1700T1900	1700 ~ 1900	0.4	23	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1700T2100	1700 ~ 2100	0.4	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A1805T2170	1805 ~ 2170	0.4	20	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1805T1880	1805 ~ 1880	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A1900T2200	1900 ~ 2200	0.4	23	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A1920T1990	1920 ~ 1990	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2000T2300	2000 ~ 2300	0.4	20	1.25	600	600	TAB	-40 ~ +85
UIYDC4546A2000T2500	2000 ~ 2500	0.5	18	1.3	500	500	TAB	-20 ~ +80
UIYDC4546A2110T2170	2110 ~ 2170	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2300T2500	2300 ~ 2500	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2350T2550	2350 ~ 2550	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2400T2600	2400 ~ 2600	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2500T2700	2500 ~ 2700	0.3	23	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2700T3000	2700 ~ 3000	0.4	20	1.2	600	600	TAB	-40 ~ +85
UIYDC4546A2700T3100	2700 ~ 3100	0.5	18	1.3	600	600	TAB	-40 ~ +85
UIYDC4546A3100T3500	3100 ~ 3500	0.3	20	1.25	400	400	TAB	-40 ~ +85
UIYDC4546A3400T3800	3400 ~ 3800	0.4	20	1.25	400	400	TAB	-40 ~ +85

## Mechanical Drawing



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

Ver. 5.1