

## 150 to 300MHz – Drop in Circulator

### 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)
UIYDC5257A150T155	150 ~ 155	0.8	18	1.3	300	300	TAB	-10 ~ +60
UIYDC5257A155T160	155 ~ 160	0.8	18	1.3	300	300	TAB	-10 ~ +60
UIYDC5257A160T165	160 ~ 165	0.8	18	1.3	300	300	TAB	-10 ~ +60
UIYDC5257A170T180	170 ~ 180	0.7	18	1.3	300	300	TAB	-10 ~ +60
UIYDC5257A180T200	180 ~ 200	0.7	18	1.3	300	300	TAB	-40 ~ +85
UIYDC5257A180T210	180 ~ 210	0.8	18	1.3	300	300	TAB	-40 ~ +85
UIYDC5257A180T220	180 ~ 220	0.8	16	1.4	300	300	TAB	-40 ~ +85
UIYDC5257A192T232	192 ~ 232	0.8	18	1.3	300	300	TAB	-40 ~ +85
UIYDC5257A1975T2075	197.5 ~ 207.5	0.6	20	1.25	300	300	TAB	-40 ~ +85
UIYDC5257A200T210	200 ~ 210	0.5	20	1.25	300	300	TAB	-40 ~ +85
UIYDC5257A210T250	210 ~ 250	0.8	18	1.3	300	300	TAB	-40 ~ +85
UIYDC5257A250T280	250 ~ 280	0.5	20	1.25	300	300	TAB	-40 ~ +85
UIYDC5257A265T275	265 ~ 275	0.4	20	1.2	300	300	TAB	-40 ~ +85
UIYDC5257A270T300	270 ~ 300	0.4	20	1.2	300	300	TAB	-40 ~ +85

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

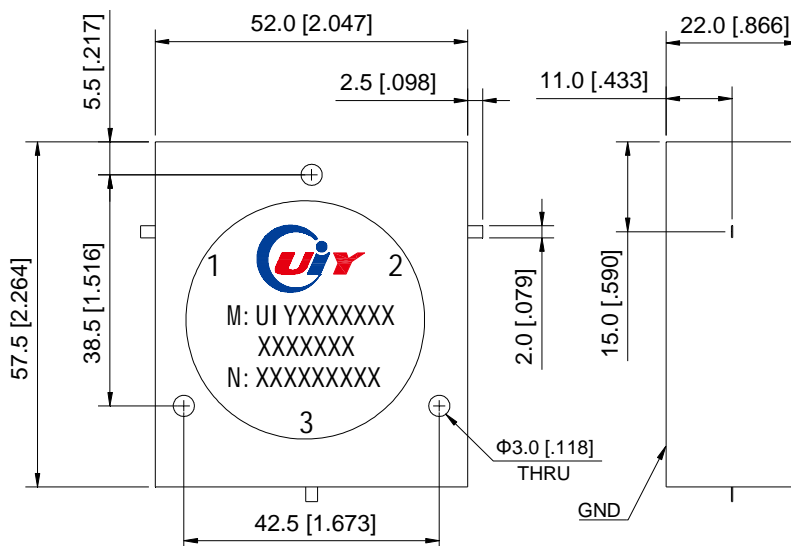
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

\* 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  $\pm 0.2$ mm unless otherwise stated.

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