

## 17 to 40GHz – Drop in Circulator

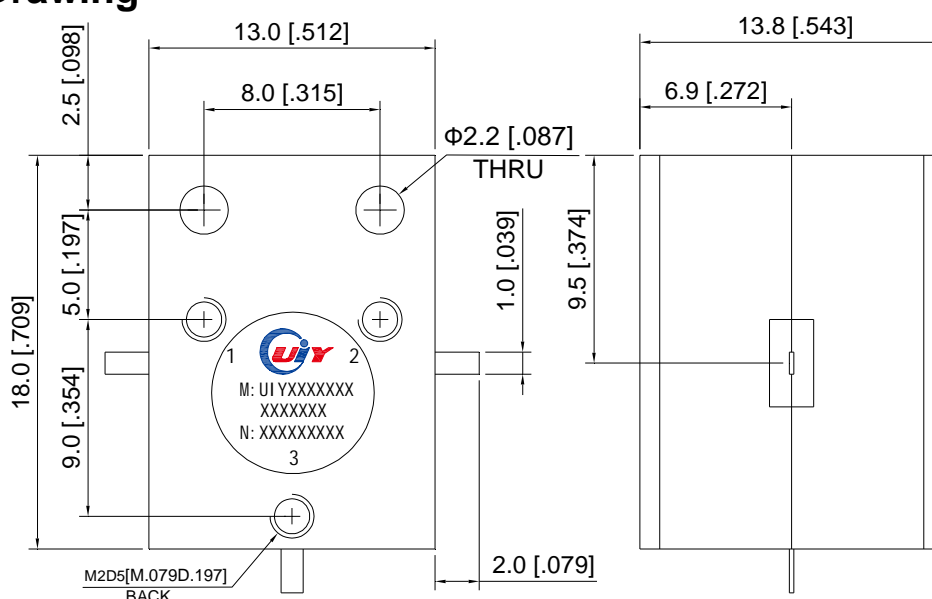
### Design Features

- ◆ 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 (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDC1318A177T212	17.7 ~ 21.2	0.6	18	1.3	30	30	TAB	-40 ~ +85
UIYDC1318A18T22	18.0 ~ 22.0	0.6	18	1.3	30	30	TAB	-40 ~ +85
UIYDC1318A21T23	21.0 ~ 23.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A22T24	22.0 ~ 24.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A23T25	23.0 ~ 25.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A24T26	24.0 ~ 26.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A2425T275	24.25 ~ 27.5	0.6	18	1.3	30	30	TAB	-40 ~ +85
UIYDC1318A25T27	25.0 ~ 27.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A27T29	27.0 ~ 29.0	0.5	20	1.25	30	30	TAB	-40 ~ +85
UIYDC1318A27T31	27.0 ~ 31.0	1.1	16	1.4	30	30	TAB	-40 ~ +85
UIYDC1318A33T37	33.0 ~ 37.0	1.2	16	1.4	30	30	TAB	-40 ~ +85
UIYDC1318A34T36	34.0 ~ 36.0	1.2	16	1.4	30	30	TAB	-40 ~ +85

### Mechanical Drawing



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

Ver. 5.1