

## 17 to 27.5GHz – Drop in Isolator

### Design Features

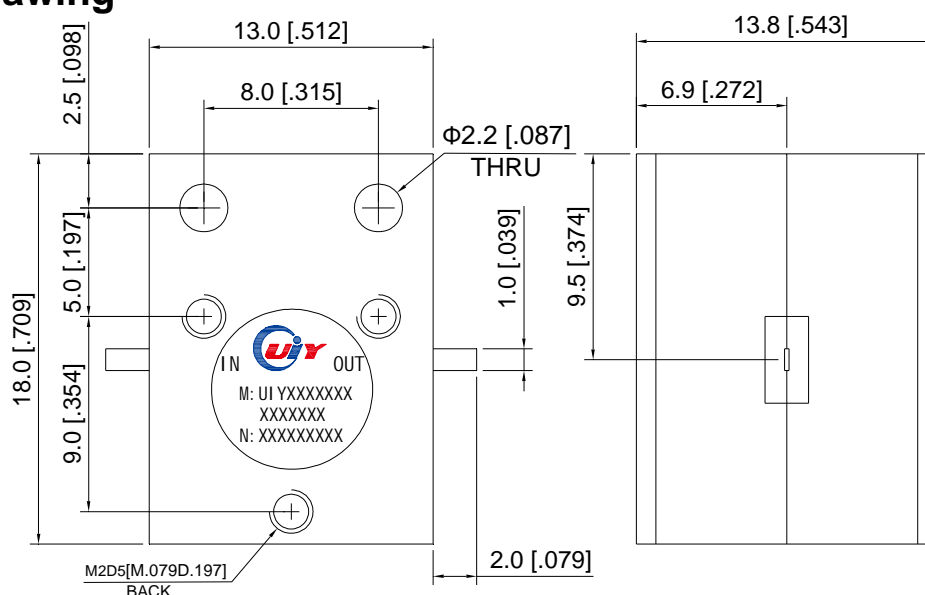
- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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)
UIYDI1318A177T212	17.7 ~ 21.2	0.6	18	1.3	30	5	TAB	-40 ~ +85
UIYDI1318A18T22	18.0 ~ 22.0	0.6	18	1.3	30	5	TAB	-40 ~ +85
UIYDI1318A21T23	21.0 ~ 23.0	0.5	20	1.25	30	5	TAB	-40 ~ +85
UIYDI1318A22T24	22.0 ~ 24.0	0.5	20	1.25	30	5	TAB	-40 ~ +85
UIYDI1318A23T25	23.0 ~ 25.0	0.5	20	1.25	30	5	TAB	-40 ~ +85
UIYDI1318A24T26	24.0 ~ 26.0	0.5	20	1.25	30	5	TAB	-40 ~ +85
UIYDI1318A2425T275	24.25 ~ 27.5	0.6	18	1.3	30	5	TAB	-40 ~ +85
UIYDI1318A25T27	25.0 ~ 27.0	0.5	20	1.25	30	5	TAB	-40 ~ +85

- 2 Listed are specific frequency ranges and tailor-made ranges are available.
- 2 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  $\pm 2\%$  unless otherwise stated.

Ver. 5