

3.1 to 5.1GHz – Drop in Circulator

Design Features

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

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)
UIYDC1919B31T35	3.1 ~ 3.5	0.3	23	1.2	60	60	TAB	-40 ~ +85
UIYDC1919B38T42	3.8 ~ 4.2	0.35	21	1.2	60	60	TAB	-40 ~ +85
UIYDC1919B39T43	3.9 ~ 4.3	0.35	21	1.2	60	60	TAB	-40 ~ +85
UIYDC1919B42T47	4.2 ~ 4.7	0.35	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1919B44T5	4.4 ~ 5.0	0.4	20	1.25	60	60	TAB	-40 ~ +85
UIYDC1919B49T51	4.9 ~ 5.1	0.35	23	1.2	60	60	TAB	-40 ~ +85

² List are specify frequency range and other ranges available.

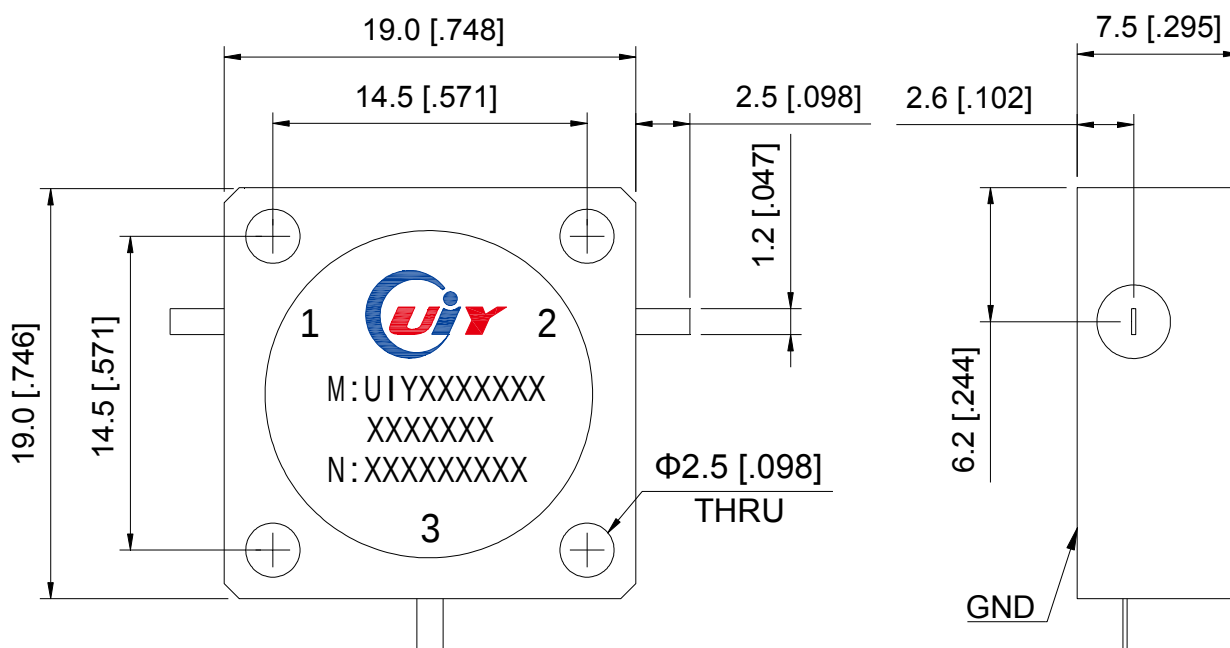
² Please enter below information when inquiry and mark * is must.

* 1. The specific frequency range

* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ± 0.2 mm unless otherwise stated.

Ver. 5

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