4 to 7GHz – Dual Junction Drop in Isolator

Design Features

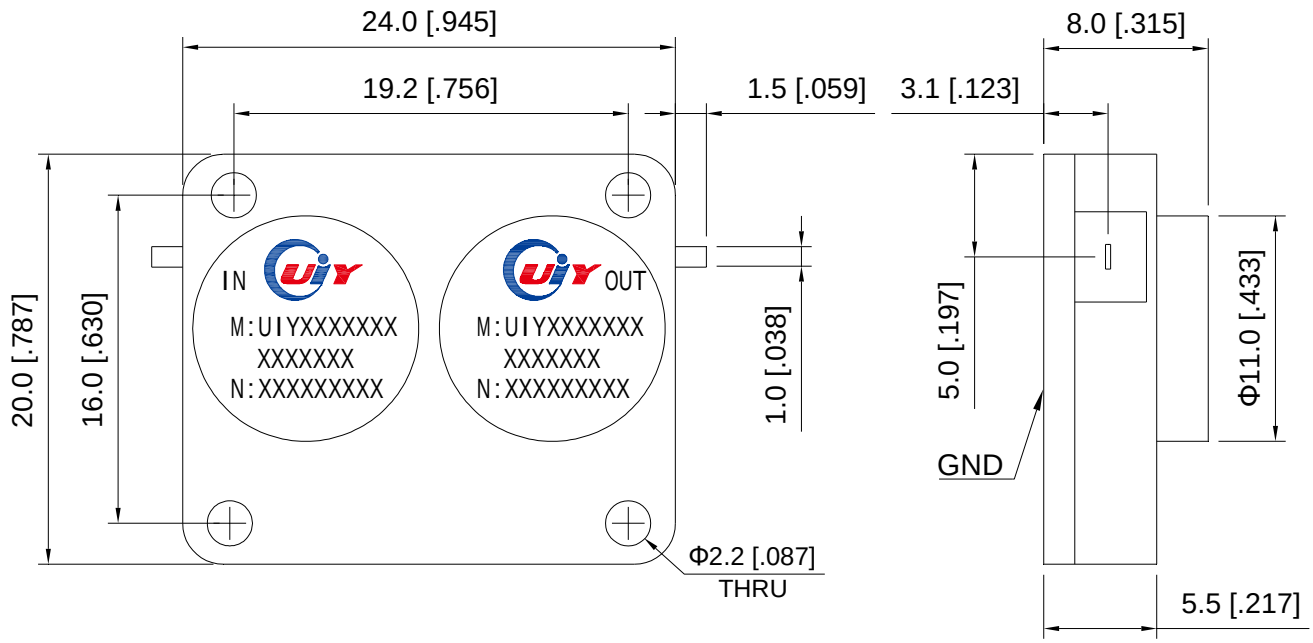
- Can be Dual Junction or Multiple for high isolation.
- Custom design available upon request.
- Military, space and commercial applications.
- Support one year standard warranty.

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)
UIYDDI2420A45T5	4.5 ~ 5.0	0.8	40	1.25	60	5	TAB	-40 ~ +85
UIYDDI2420A47T52	4.7 ~ 5.2	0.8	40	1.25	60	5	TAB	-40 ~ +85
UIYDDI2420A5T58	5.0 ~ 5.8	0.8	40	1.25	60	5	TAB	-40 ~ +85
UIYDDI2420A5T6	5.0 ~ 6.0	1.0	36	1.3	60	5	TAB	-40 ~ +85
UIYDDI2420A52T59	5.2 ~ 5.9	0.8	40	1.2	60	5	TAB	-40 ~ +85
UIYDDI2420A54T59	5.4 ~ 5.9	0.8	45	1.2	60	5	TAB	-40 ~ +85
UIYDDI2420A55T6	5.6 ~ 6.0	0.6	45	1.2	60	5	TAB	-40 ~ +85
UIYDDI2420A57T59	5.7 ~ 5.9	0.6	45	1.2	60	5	TAB	-40 ~ +85
UIYDDI2420A57T65	5.7 ~ 6.5	1.0	40	1.25	60	5	TAB	-40 ~ +85
UIYDDI2420A6T7	6.0 ~ 7.0	0.7	45	1.2	60	5	TAB	-40 ~ +85
UIYDDI2420A635T655	6.35 ~ 6.55	0.6	45	1.2	60	5	TAB	-40 ~ +85

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

Ver. 5

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