

4 to 8GHz – Drop in Isolator

Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ 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)
UIYDI1220A45T5	4.5 ~ 5.0	0.4	20	1.25	60	5	TAB	-40 ~ +85
UIYDI1220A47T52	4.7 ~ 5.2	0.4	20	1.25	60	5	TAB	-40 ~ +85
UIYDI1220A5T58	5.0 ~ 5.8	0.4	20	1.25	60	5	TAB	-40 ~ +85
UIYDI1220A5T6	5.0 ~ 6.0	0.5	18	1.3	60	5	TAB	-40 ~ +85
UIYDI1220A52T59	5.2 ~ 5.9	0.4	20	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A54T59	5.4 ~ 5.9	0.3	23	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A55T6	5.6 ~ 6.0	0.3	23	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A57T59	5.7 ~ 5.9	0.3	23	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A57T65	5.7 ~ 6.5	0.5	20	1.25	60	5	TAB	-40 ~ +85
UIYDI1220A6T7	6.0 ~ 7.0	0.35	23	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A635T655	6.35 ~ 6.55	0.3	23	1.2	60	5	TAB	-55 ~ +85
UIYDI1220A71T73	7.1 ~ 7.3	0.25	23	1.2	60	5	TAB	-40 ~ +85
UIYDI1220A7T8	7.0 ~ 8.0	0.5	18	1.3	60	5	TAB	-40 ~ +85

² Listed are specific frequency ranges and tailor-made ranges are available.

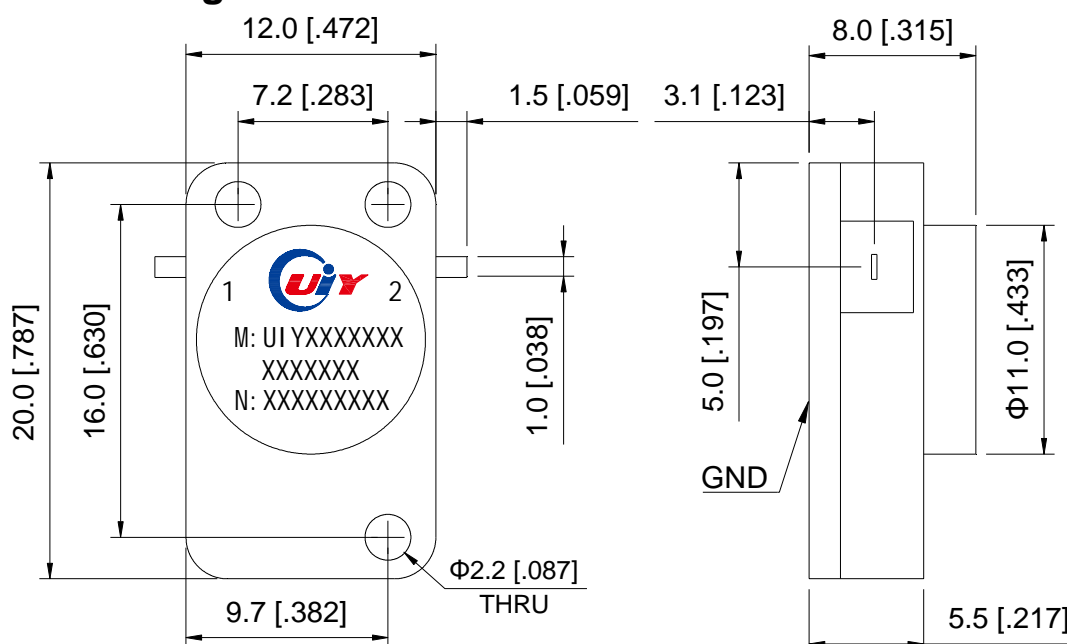
² Please provide the information below when inquiring and mark * is required.

* 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. 5.1