

130 to 900MHz – Drop in Isolator

Design Features

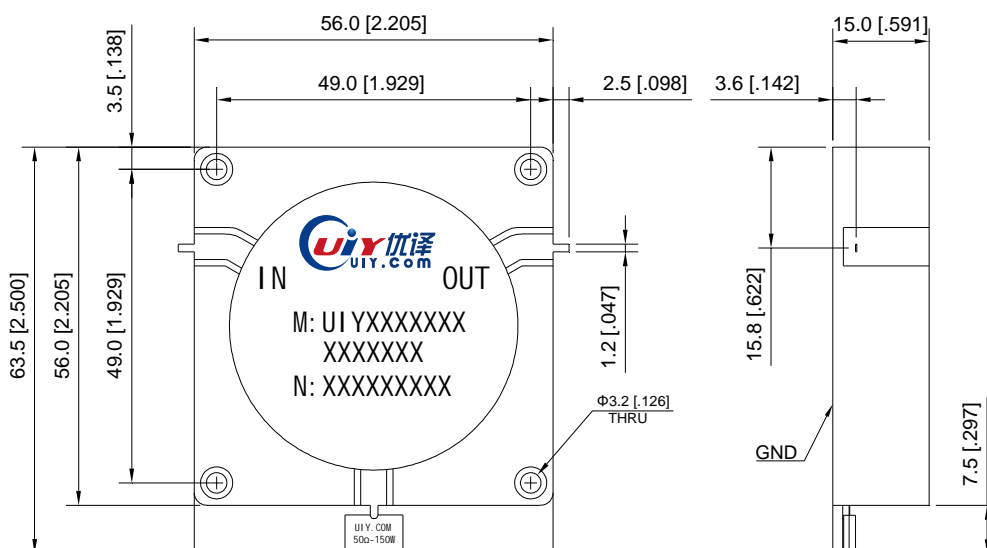
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDI5663A136T150	136 ~ 150	0.5	18	1.3	300	150	TAB	-10 ~ +60
UIYDI5663A150T155	150 ~ 155	0.5	20	1.25	300	150	TAB	-10 ~ +70
UIYDI5663A150T170	150 ~ 170	0.6	18	1.3	300	150	TAB	-10 ~ +70
UIYDI5663A168T171	168 ~ 171	0.4	23	1.2	300	150	TAB	-30 ~ +70
UIYDI5663A170T200	170 ~ 200	0.7	18	1.3	300	150	TAB	-30 ~ +70
UIYDI5663A180T220	180 ~ 220	0.5	18	1.3	300	150	TAB	-30 ~ +70
UIYDI5663A192T232	192 ~ 232	0.4	20	1.25	300	150	TAB	-30 ~ +70
UIYDI5663A1975T2075	197.5 ~ 207.5	0.4	23	1.2	300	150	TAB	-30 ~ +70
UIYDI5663A200T250	200 ~ 250	0.6	20	1.25	300	150	TAB	-30 ~ +70
UIYDI5663A230T250	230 ~ 250	0.3	23	1.2	300	150	TAB	-30 ~ +70
UIYDI5663A250T300	250 ~ 300	0.4	20	1.25	300	150	TAB	-30 ~ +70
UIYDI5663A500T750	500 ~ 750	0.5	16	1.4	300	150	TAB	-30 ~ +70
UIYDI5663A600T900	600 ~ 900	0.5	17	1.35	300	150	TAB	-30 ~ +70

- 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. 5.2

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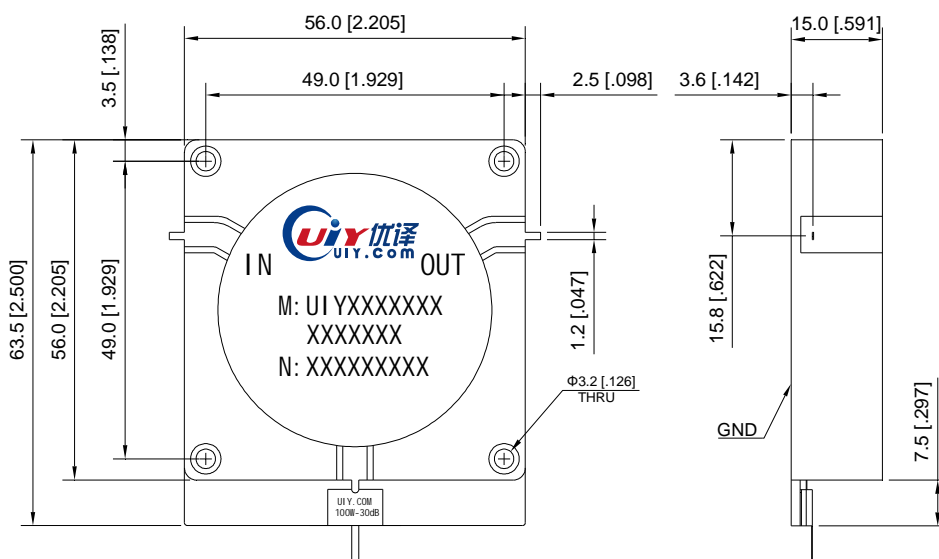
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Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYDI5663A136T150A30	136 ~ 150	0.5	18	1.3	300	100-30dB	TAB	-10 ~ +60
UIYDI5663A150T155A30	150 ~ 155	0.5	20	1.25	300	100-30dB	TAB	-10 ~ +70
UIYDI5663A150T170A30	150 ~ 170	0.6	18	1.3	300	100-30dB	TAB	-10 ~ +70
UIYDI5663A168T171A30	168 ~ 171	0.4	23	1.2	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A170T200A30	170 ~ 200	0.7	18	1.3	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A180T220A30	180 ~ 220	0.5	18	1.3	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A192T232A30	192 ~ 232	0.4	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A1975T2075A30	197.5 ~ 207.5	0.4	23	1.2	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A200T250A30	200 ~ 250	0.6	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI5663AA230T250A30	230 ~ 250	0.3	23	1.2	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A250T300A30	250 ~ 300	0.4	20	1.25	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A500T750A30	500 ~ 750	0.5	16	1.4	300	100-30dB	TAB	-30 ~ +70
UIYDI5663A600T900A30	600 ~ 900	0.5	17	1.35	300	100-30dB	TAB	-30 ~ +70

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Mechanical Drawing



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

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