

## 400 to 470MHz – Duplexer / Diplexer

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

Model Number	Freq. Range (MHz)		Insertion Loss Max(dB)	Ripple Max(dB)	Isolation Min(dB)	VSWR Max	Power(W)	Connector Type	Temp.(°C)
UIYDX185140A400T415NF	TX	400 ~ 405	1.8	0.8	80	1.3	100	N-F	-30 ~ +70
	RX	410 ~ 415							
UIYDX185140A410T425NF	TX	410 ~ 415	1.8	0.8	80	1.3	100	N-F	-30 ~ +70
	RX	420 ~ 425							
UIYDX185140A412T427NF	TX	412 ~ 417	1.8	0.8	80	1.3	100	N-F	-30 ~ +70
	RX	422 ~ 427							
UIYDX185140A440T455SF	TX	440 ~ 445	1.8	0.8	80	1.3	100	SMA-F	-30 ~ +70
	RX	450 ~ 455							
UIYDX185140A4515T465NF	TX	451.5 ~ 456.5	1.8	0.8	80	1.3	100	N-F	-30 ~ +70
	RX	461.5 ~ 466.5							
UIYDX185140A455T470NF	TX	465 ~ 470	1.8	0.8	80	1.3	100	N-F	-30 ~ +70
	RX	455 ~ 460							

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

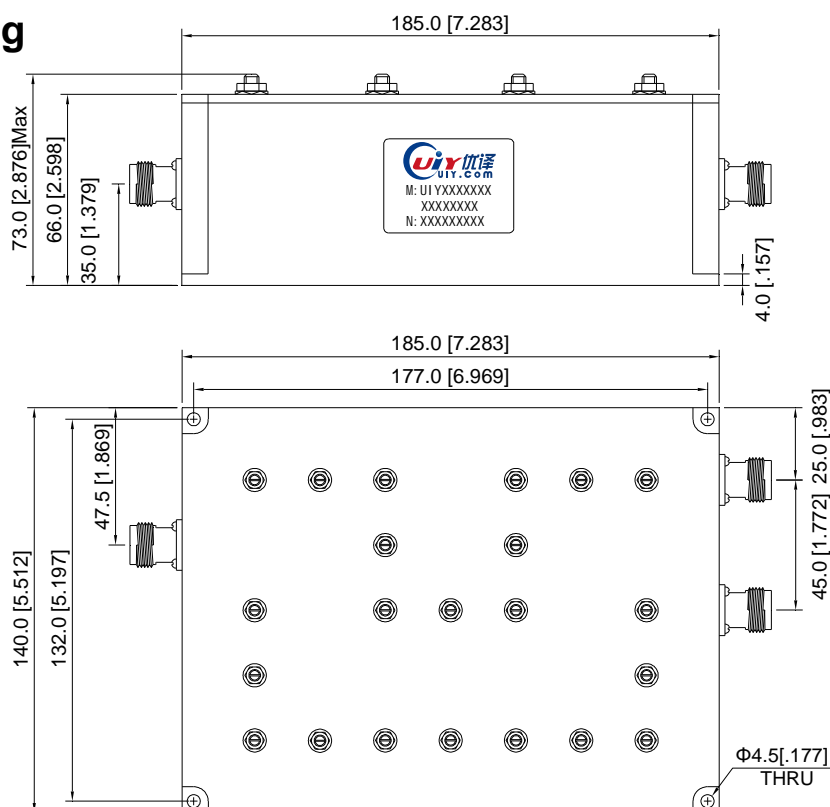
<sup>2</sup> Please provide the information below when inquiring and mark \* is must.

\* 1. The specific frequency range TX and RX

\* 2. Insertion Loss, Isolation, VSWR

3. Other special requests (Power handling, Temperature, Dimension etc.)

### Mechanical Drawing



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

Ver. 5.0