

## 449 to 485MHz – 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)	Isolation Min(dB)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYDX290120A449T485SF	TX	449 ~ 452	1.0 (Ripple<0.3)	65	1.3	65dB @0.47-2.0GHz	50	SMA-F	-40 ~ +85
	RX	470 ~ 485	0.6 (Ripple<0.3)			65dB @DC-452MHz			
UIYDX290120A449T485NF	TX	449 ~ 452	1.0 (Ripple<0.3)	65	1.3	65dB @0.47-2.0GHz	50	N-F	-40 ~ +85
	RX	470 ~ 485	0.6 (Ripple<0.3)			65dB @DC-452MHz			

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

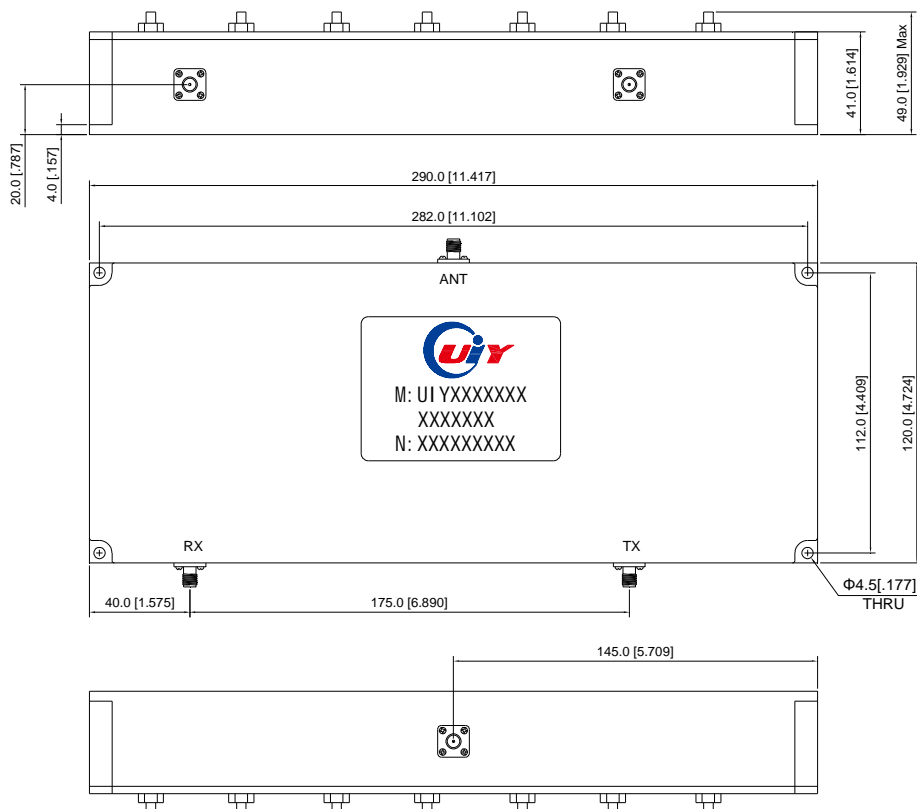
<sup>2</sup> Please provide the information below when inquiring and mark \* is must.

\* 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