

## 412 to 430MHz – Duplexer / Diplexer

### Design Features

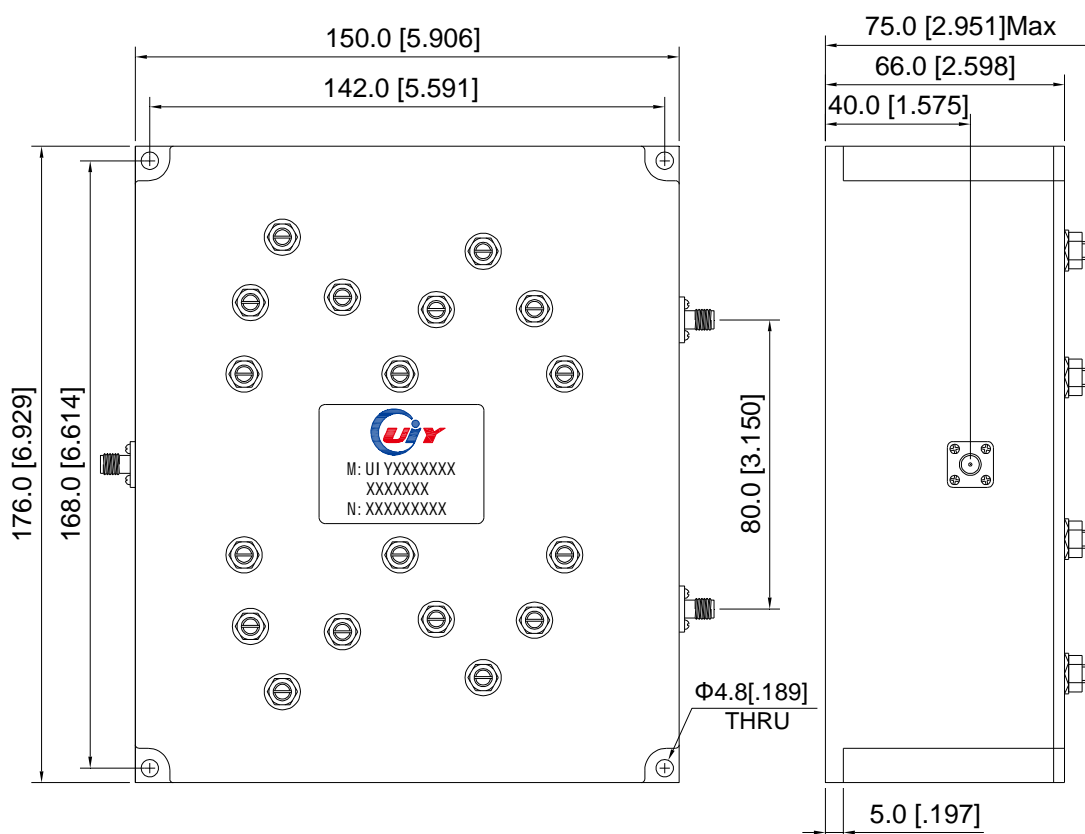
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

Model Number	Freq. Range (MHz)		Insertion Loss Max	Isolation Min(dB)	VSWR Max	Power (W)	Connector Type	Temp.(°C)
UIYDX150176A412T430SF	TX	426 ~ 430	1.5dB Ripple 0.5dB	70dB@DC~416MHz 60dB@440~500MHz	1.3	20	SMA-F	-20 ~ +60
	RX	412 ~ 416		60dB@DC~402MHz 70dB@426~430MHz				
UIYDX150176A412T430NF	TX	426 ~ 430	1.5dB Ripple 0.5dB	70dB@DC~416MHz 60dB@440~500MHz	1.3	20	N-F	-20 ~ +60
	RX	412 ~ 416		60dB@DC~402MHz 70dB@426~430MHz				

- <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 ±2% unless otherwise stated.

Ver. 5