

## 450 to 650MHz – Band Pass Filter

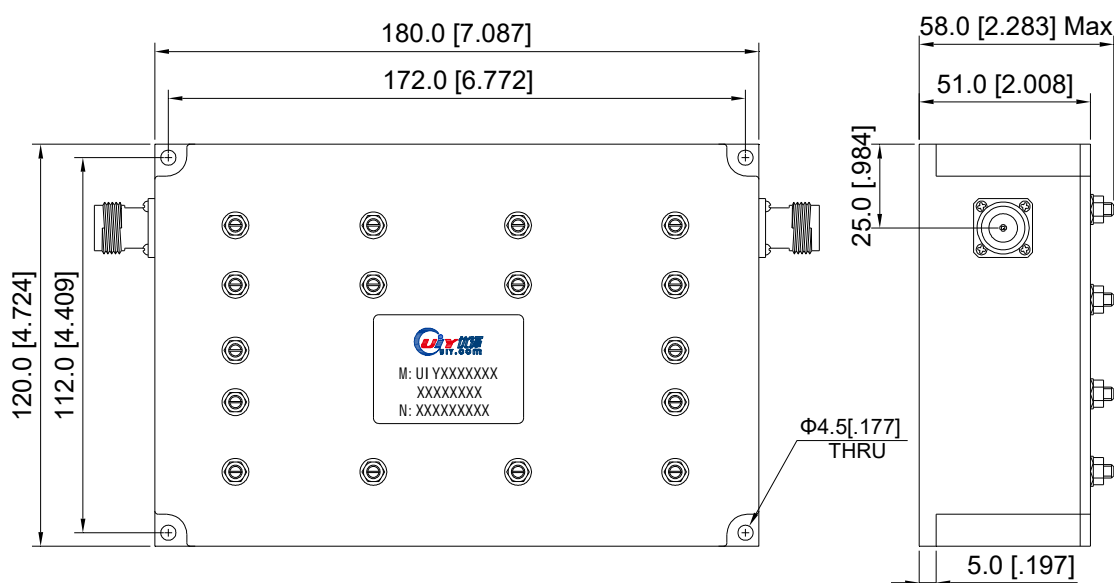
### Design Features

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

### RF Characteristics

Model Number	Pass Band (MHz)	Insertion Loss Max(dB)	Ripple Max (dB)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF180120A470T542NF	470 ~ 542	1.0	0.8	1.3	70dB @620MHz 50dB @446MHz & 566MHz 20dB @458MHz & 554MHz 10dB @464MHz & 548MHz	50	N-F	-40 ~ +85
UIYBPF180120A470T542SF	470 ~ 542	1.0	0.8	1.3	70dB @620MHz 50dB @446MHz & 566MHz 20dB @458MHz & 554MHz 10dB @464MHz & 548MHz	50	SMA-F	-40 ~ +85
UIYBPF180120A470T608NF	470 ~ 608	1.0	0.8	1.3	70dB @620MHz 50dB @446MHz & 566MHz 30dB @458MHz 10dB @464MHz & 614MHz	50	N-F	-40 ~ +85
UIYBPF180120A470T608SF	470 ~ 608	1.0	0.8	1.3	70dB @620MHz 50dB @446MHz & 566MHz 30dB @458MHz 10dB @464MHz & 614MHz	50	SMA-F	-40 ~ +85
UIYBPF180120A506T578NF	506 ~ 578	1.0	0.8	1.3	70dB @620MHz 50dB @482MHz & 602MHz 20dB @495MHz & 590MHz 10dB @500MHz & 584MHz	50	N-F	-40 ~ +85
UIYBPF180120A506T578SF	506 ~ 578	1.0	0.8	1.3	70dB @620MHz 50dB @482MHz & 602MHz 20dB @495MHz & 590MHz 10dB @500MHz & 584MHz	50	SMA-F	-40 ~ +85
UIYBPF180120A542T608NF	542 ~ 608	1.0	0.8	1.3	70dB @620MHz 50dB @450MHz & 518MHz 20dB @530MHz 10dB @536MHz & 614MHz	50	N-F	-40 ~ +85
UIYBPF180120A542T608SF	542 ~ 608	1.0	0.8	1.3	70dB @620MHz 50dB @450MHz & 518MHz 20dB @530MHz 10dB @536MHz & 614MHz	50	SMA-F	-40 ~ +85

### Mechanical Drawing



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

Ver. 5