

## 3 to 5GHz – 5G Band Pass Filter

### Design Features

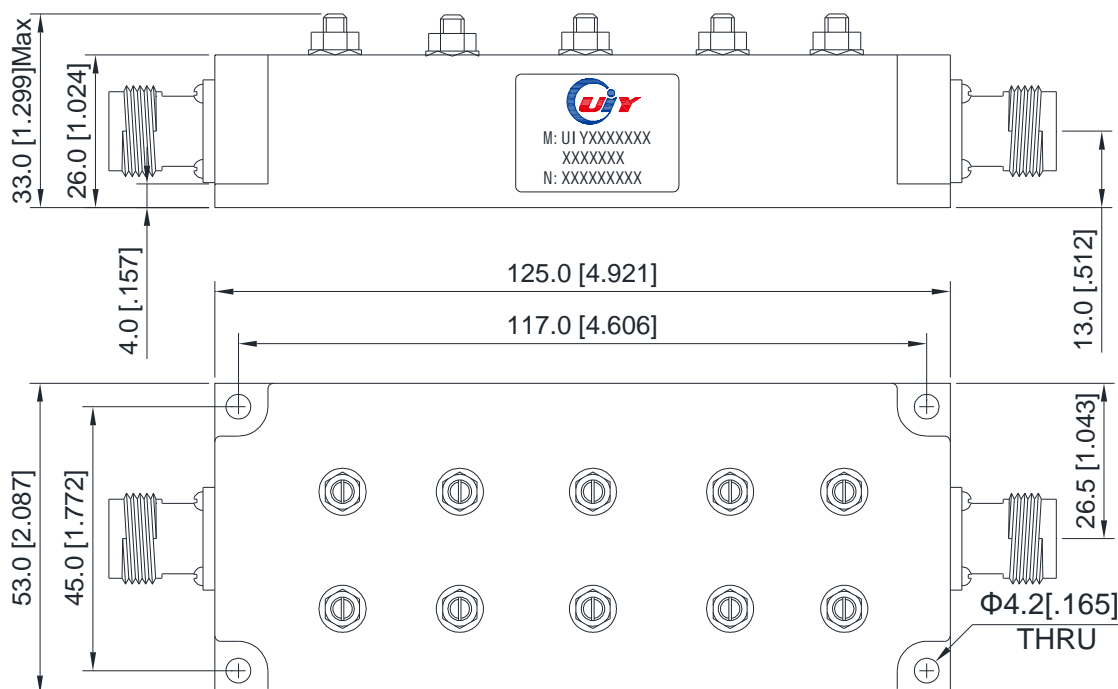
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

Model Number	Pass Band (MHz)	Insertion Loss Max(dB)	Ripple in-band Max(dB)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF12553A3400T3600SF	3400~3600	1.2	0.8	1.3	50dB @DC~3300MHz 50dB @3700~6000MHz	20	SMA-F	-40 ~ +85
UIYBPF12553A3400T3600BF	3400~3600	1.2	0.8	1.3	50dB @DC~3300MHz 50dB @3700~6000MHz	20	BNC-F	-40 ~ +85
UIYBPF12553A3300T4200NF	3300~4200	1.2	0.8	1.3	50dB @DC~2800MHz 50dB @4800~8000MHz	20	N-F	-40 ~ +85
UIYBPF12553A4400T5000SF	4400~5000	1.2	0.8	1.3	50dB @DC~4200MHz 50dB @5200~8000MHz	20	SMA-F	-40 ~ +85

- <sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.
- <sup>2</sup> Please provide the below information when inquiring and mark \* is required.
- \* 1. The specific pass band frequency range.
  - \* 2. The specific rejection and frequency.
  - \* 3. Other special requests (such as Insertion Loss, VSWR, Connector Type, Dimension, etc.)

### Mechanical Drawing



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

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