

300 to 500MHz – Band Pass Filter

Design Features

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

RF Characteristics

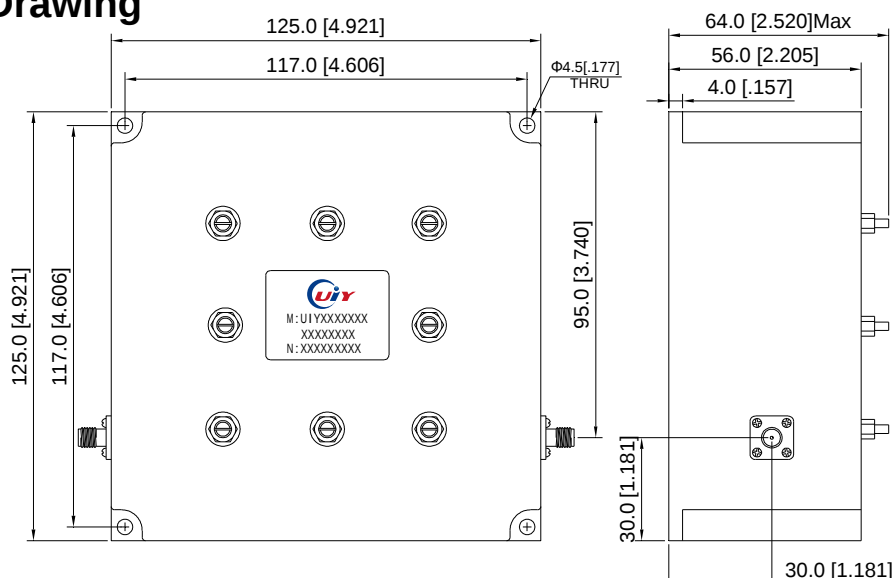
Model Number	Pass Band (MHz)	Insertion Loss Max(dB)	Ripple Max (dB)	Return loss Min(dB)	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF125125A340T345SF	340 ~ 345	0.5	0.2	20	60dB @DC~320MHz 60dB @365~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A351T355SF	351 ~ 355	0.5	0.2	20	60dB @DC~331MHz 60dB @375~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A420T425SF	420 ~ 425	0.5	0.2	20	60dB @DC~400MHz 60dB @445~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A425T430SF	425 ~ 430	0.5	0.2	20	60dB @DC~405MHz 60dB @450~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A430T435SF	430 ~ 435	0.5	0.2	20	60dB @DC~410MHz 60dB @455~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A440T445SF	440 ~ 445	0.5	0.2	20	60dB @DC~420MHz 60dB @465~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A445T450SF	445 ~ 450	0.5	0.2	20	60dB @DC~425MHz 60dB @470~2400MHz	100	SMA-F	-40 ~ +85
UIYBPF125125A445T450NF	445 ~ 450	0.5	0.2	20	60dB @DC~425MHz 60dB @470~2400MHz	100	N-F	-40 ~ +85
UIYBPF125125A460T465NF	460 ~ 465	0.5	0.2	20	60dB @DC~440MHz 60dB @485~2400MHz	100	N-F	-40 ~ +85
UIYBPF125125A465T470NF	465 ~ 470	0.5	0.2	20	60dB @DC~445MHz 60dB @490~2400MHz	100	N-F	-40 ~ +85
UIYBPF125125A470T475NF	470 ~ 475	0.5	0.2	20	60dB @DC~450MHz 60dB @495~2400MHz	100	N-F	-40 ~ +85
UIYBPF125125A475T480NF	475 ~ 480	0.5	0.2	20	60dB @DC~455MHz 60dB @500~2400MHz	100	N-F	-40 ~ +85

² Listed are specific frequency ranges and tailor-made ranges are available.

² 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.

Ver. 5.1