

50 to 80MHz – Band Pass Filter

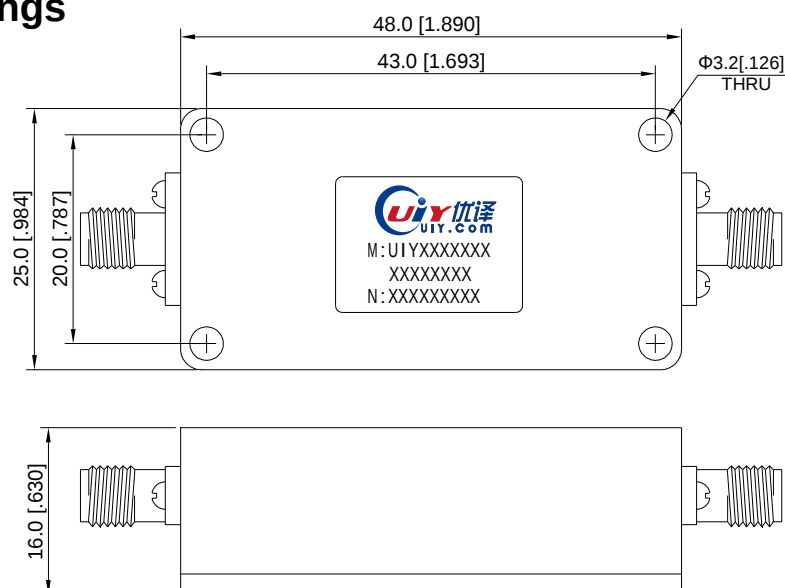
Design Features

- ◆ 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)	VSWR Max	Rejection	Power (W)	Connector Type	Temp.(°C)
UIYBPF4825C50T53SF	50 ~ 53	1.5	1.5	40dB @DC~31.5MHz 40dB @71.5~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C50T53SFIL4	50 ~ 53	4.0	1.5	40dB @DC~45MHz 40dB @58~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C55T58SF	55 ~ 58	1.5	1.5	40dB @DC~36.5MHz 40dB @76.5~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C55T58SFIL4	55 ~ 58	4.0	1.5	40dB @DC~50MHz 40dB @63~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C60T63SF	60 ~ 63	1.5	1.5	40dB @DC~41.5MHz 40dB @81.5~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C60T63SFIL4	60 ~ 63	4.0	1.5	40dB @DC~55MHz 40dB @68~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C655T685SF	65.5 ~ 68.5	1.5	1.5	40dB @DC~47MHz 40dB @87~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C655T685SFIL4	65.5 ~ 68.5	4.0	1.5	40dB @DC~60.5MHz 40dB @73.5~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C685T715SF	68.5 ~ 71.5	1.5	1.5	40dB @DC~49MHz 40dB @88~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C685T715SFIL4	68.5 ~ 71.5	4.0	1.5	40dB @DC~63.5MHz 40dB @76.5~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C735T765SF	73.5 ~ 76.5	1.5	1.5	40dB @DC~55MHz 40dB @88~2000MHz	5	SMA-F	-40 ~ +85
UIYBPF4825C735T765SFIL4	73.5 ~ 76.5	4.0	1.5	40dB @DC~68.5MHz 40dB @81.5~2000MHz	5	SMA-F	-40 ~ +85

Mechanical Drawings



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

Ver. 5.0