

130 to 700MHz – Band Pass Filter

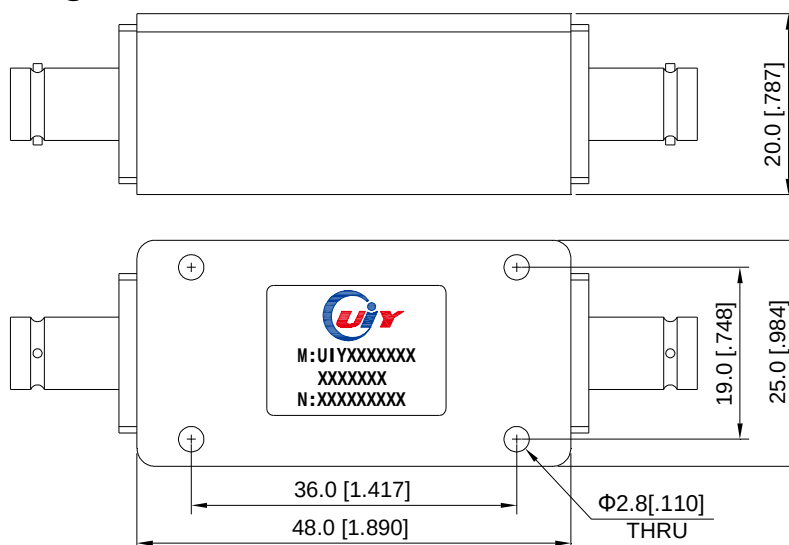
Design Features

- ◆ 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 in-band Max(dB)	VSWR Max	Rejection Min	Power (W)	Connector Type	Temp.(°C)
UIYBPF4825A153T162NF	153 ~ 162	6.0	1.5	1.5	40dB @DC~146.5MHz 40dB @168.5~1000MHz	2	N-F	-30 ~ +70
UIYBPF4825A470T488NF	470 ~ 488	7.5	1.5	1.5	40dB @DC~454MHz 40dB @504~1000MHz	2	N-F	-30 ~ +70
UIYBPF4825A470T530BF	470 ~ 530	3.5	1.5	1.5	20dB @430~445MHz & 555~570MHz 40dB @DC~430MHz & 570~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A470T560BF	470 ~ 560	3.5	1.5	1.5	20dB @435~445MHz & 585~595MHz 40dB @DC~435MHz & 595~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A500T550BF	500 ~ 550	3.5	1.5	1.5	40dB @DC~475MHz 40dB @575~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A500T550SF	500 ~ 550	3.5	1.5	1.5	40dB @DC~475MHz 40dB @575~1000MHz	2	SMA-F	-30 ~ +70
UIYBPF4825A500T550NF	500 ~ 550	3.5	1.5	1.5	40dB @DC~475MHz 40dB @575~1000MHz	2	N-F	-30 ~ +70
UIYBPF4825A520T694BF	520 ~ 694	1.5	1.5	1.5	30dB @307~367MHz & 847~907MHz 50dB @DC~307MHz & 907~1500MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A530T590BF	530 ~ 590	3.5	1.5	1.5	20dB @490~505MHz & 615~630MHz 40dB @DC~490MHz & 630~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A550T600BF	550 ~ 600	3.5	1.5	1.5	40dB @DC~525MHz 40dB @625~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A550T600SF	550 ~ 600	3.5	1.5	1.5	40dB @DC~525MHz 40dB @625~1000MHz	2	SMA-F	-30 ~ +70
UIYBPF4825A560T608BF	560 ~ 608	4.0	1.5	1.5	40dB @DC~535MHz 40dB @633~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A560T608SF	560 ~ 608	4.0	1.5	1.5	40dB @DC~535MHz 40dB @633~1000MHz	2	SMA-F	-30 ~ +70
UIYBPF4825A600T650BF	600 ~ 650	3.5	1.5	1.5	30dB @DC~570MHz 30dB @685~1000MHz	2	BNC-F	-30 ~ +70
UIYBPF4825A650T700BF	650 ~ 700	4.0	1.5	1.5	40dB @DC~620MHz 40dB @730~1000MHz	2	BNC-F	-30 ~ +70

Mechanical Drawing



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

Ver. 5.1

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