

130 to 700MHz – Band Pass Filter

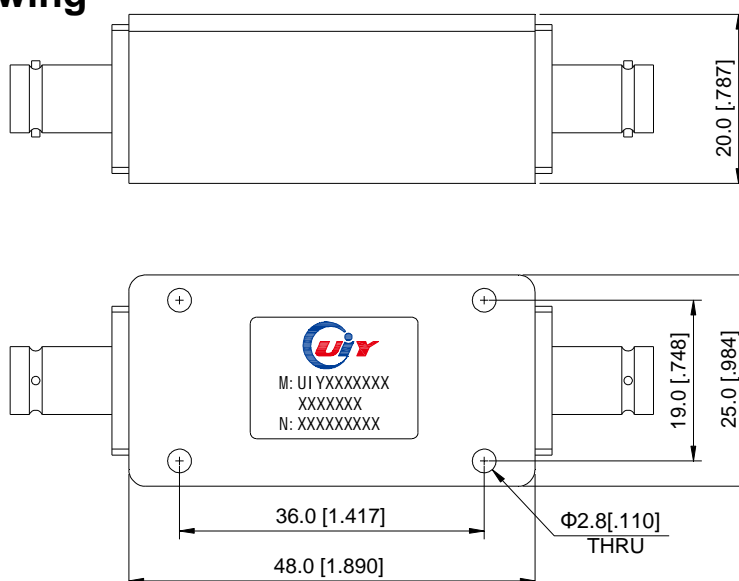
Design Features

- ◆ 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 in-band Max(dB)	VSWR Max	Rejection Min	Power (W)	Connector Type	Temp.(°C)
UIYBPF4825A153T162NF	153 ~ 162	6.0	1.5	1.5	40dB @Fc±6.5MHz	2	N-F	-30 ~ +70
UIYBPF4825A470T488NF	470 ~ 488	7.5	1.5	1.5	40dB @F0±25MHz	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 ±2% unless otherwise stated.

Ver. 5

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