

## 703 to 894MHz – Band Pass Filter

### Design Features

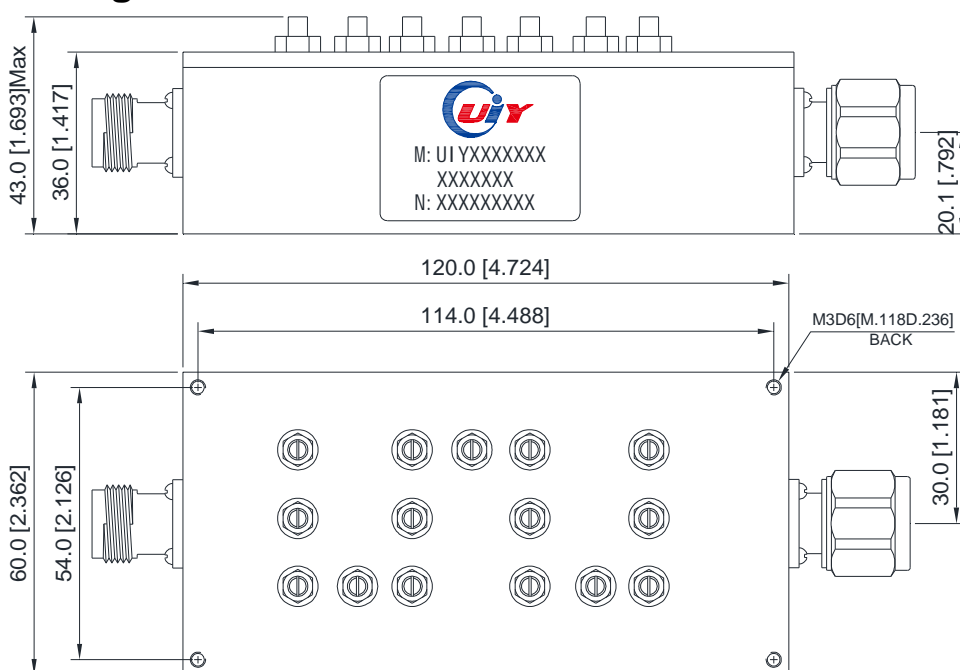
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

### RF Characteristics

| Model Number             | Pass Band (MHz) | Insertion Loss Max(dB) | Ripple in-band Max(dB) | VSWR Max | Rejection   | Power (W) | Connector Type | Temp.(°C) |
|--------------------------|-----------------|------------------------|------------------------|----------|---|-----------|----------------|-----------|
| UIYBPF12060A703T748NFTNM | 703~748         | 2.0                    | 1.2                    | 1.38     | 20dB@650~698MHz<br>55dB@DC~650MHz<br>55dB@791~960MHz<br>50dB@1400~5000MHz | 10        | N-F to N-M     | -20 ~ +60 |
| UIYBPF12060A703T748NF    | 703~748         | 2.0                    | 1.2                    | 1.38     | 20dB@650~698MHz<br>55dB@DC~650MHz<br>55dB@791~960MHz<br>50dB@1400~5000MHz | 10        | N-F            | -20 ~ +60 |
| UIYBPF12060A703T748SF    | 703~748         | 2.0                    | 1.2                    | 1.38     | 20dB@650~698MHz<br>55dB@DC~650MHz<br>55dB@791~960MHz<br>50dB@1400~5000MHz | 10        | SMA-F          | -20 ~ +60 |
| UIYBPF12060A851T894SF    | 851~894         | 1.5                    | 0.8                    | 1.3      | 50dB @DC-810MHz<br>50dB @910~2000MHz                                      | 100       | SMA-F          | -40 ~ +85 |
| UIYBPF12060A851T894NF    | 851~894         | 1.5                    | 0.8                    | 1.3      | 50dB @DC-810MHz<br>50dB @910~2000MHz                                      | 100       | N-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.

Ver. 5