

## 136 to 200MHz – 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) | VSWR Max | Rejection                            | Power (W) | Connector Type | Temp.(°C) |
|-------------------------|-----------------|------------------------|----------|--------------------------------------|-----------|----------------|-----------|
| UIYBPF10673A136T138.5NF | 136 ~ 138.5     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | SMA-F          | -40 ~ +85 |
| UIYBPF10673A1407T1432NF | 140.7 ~ 143.2   | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | N-F            | -40 ~ +85 |
| UIYBPF10673A143T455NF   | 143 ~ 145.5     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | N-F            | -40 ~ +85 |
| UIYBPF10673A1565T159NF  | 156.5 ~ 159     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | N-F            | -40 ~ +85 |
| UIYBPF10673A166T1685NF  | 166 ~ 168.5     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | N-F            | -40 ~ +85 |
| UIYBPF10673A168T1705SF  | 168 ~ 170.5     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | SMA-F          | -40 ~ +85 |
| UIYBPF10673A1845T187SF  | 184.5 ~ 187     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | SMA-F          | -40 ~ +85 |
| UIYBPF10673A197T1995SF  | 197 ~ 199.5     | 2.0                    | 1.3      | 60dB @88~108MHz<br>40dB @ Fo ±6.5MHz | 100       | SMA-F          | -40 ~ +85 |

<sup>2</sup> Listed are specific frequency ranges and other ranges are available.

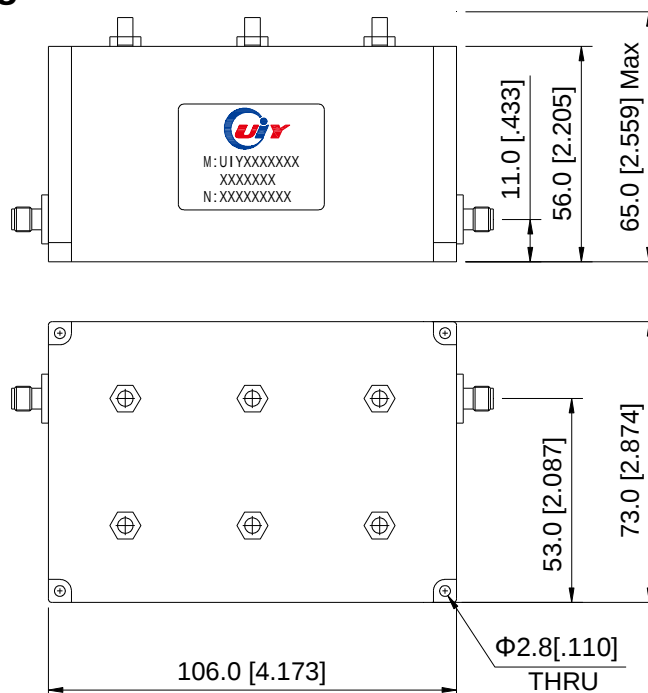
<sup>2</sup> Please provide the below informations when inquiring and mark \* is required.

\* 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 ±0.2mm unless otherwise stated.

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