

## 800 to 1000MHz – 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                    | VSWR Max | PIM Max             | Rejection                                                                    | Power (W) | Connector Type | Temp.(°C) |
|---------------------------------|-----------------|---------------------------------------|----------|---------------------|------------------------------------------------------------------------------|-----------|----------------|-----------|
| UIYBPF278136A<br>824T884716F    | 824 ~ 884       | 1.5dB@878~884MHz<br>0.65dB@824~878MHz | 1.25     | /                   | 70dBc@890~960MHz                                                             | 100       | 7/16-F         | -20 ~ +55 |
| UIYBPF278136A<br>824T884716FR50 | 824 ~ 884       | 1.5dB@878~884MHz<br>0.65dB@824~878MHz | 1.25     | /                   | 50dBc@890~960MHz                                                             | 100       | 7/16-F         | -20 ~ +55 |
| UIYBPF278136A<br>895T960716F    | 895 ~ 960       | 1.4dB@897~960MHz<br>2.0dB@895~897MHz  | 1.25     | 143dBc<br>(2x33dBm) | 90dBc@DC~840MHz<br>50dBc@840~892MHz<br>50dBc@990~2000MHz<br>25dBc@970~990MHz | 60        | 7/16-F         | -20 ~ +55 |
| UIYBPF278136A<br>895T960NF      | 895 ~ 960       | 1.4dB@897~960MHz<br>2.0dB@895~897MHz  | 1.25     | 143dBc<br>(2x33dBm) | 90dBc@DC~840MHz<br>50dBc@840~892MHz<br>50dBc@990~2000MHz<br>25dBc@970~990MHz | 60        | N-F            | -20 ~ +55 |
| UIYBPF278136A<br>895T960SF      | 895 ~ 960       | 1.4dB@897~960MHz<br>2.0dB@895~897MHz  | 1.25     | 143dBc<br>(2x33dBm) | 90dBc@DC~840MHz<br>50dBc@840~892MHz<br>50dBc@990~2000MHz<br>25dBc@970~990MHz | 60        | SMA-F          | -20 ~ +55 |

<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.

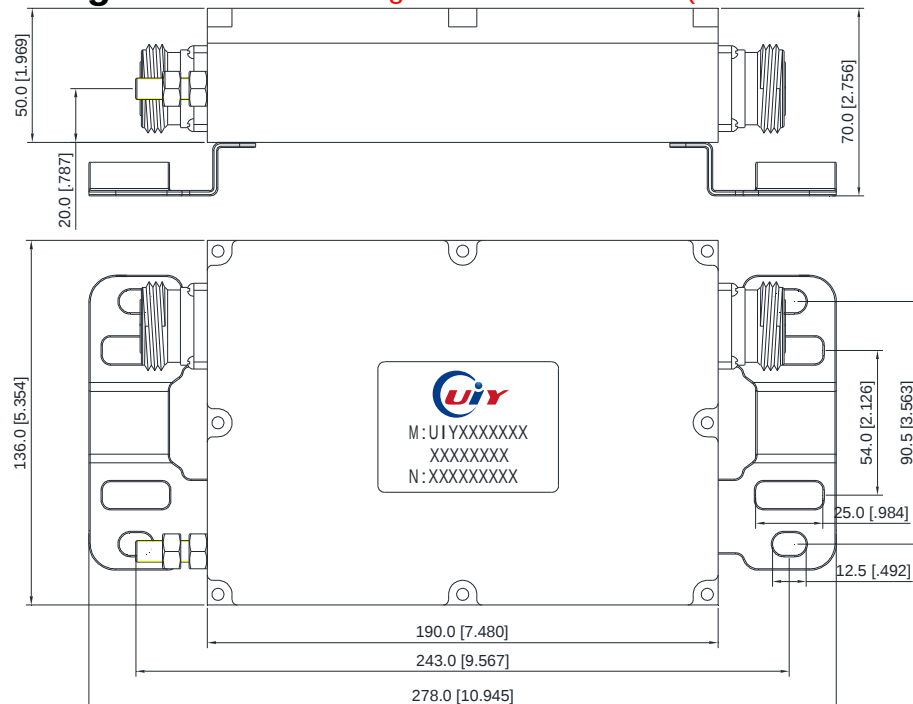
\* 1. The specific pass band frequency range

\* 2. The specific rejection and frequency

\* 3. Other special requests (such as Insertion Loss, VSWR, Connector Type, Dimension, etc.)

### Mechanical Drawing

Ingress Protection: IP67 (indoor or outdoor)



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

Ver. 5