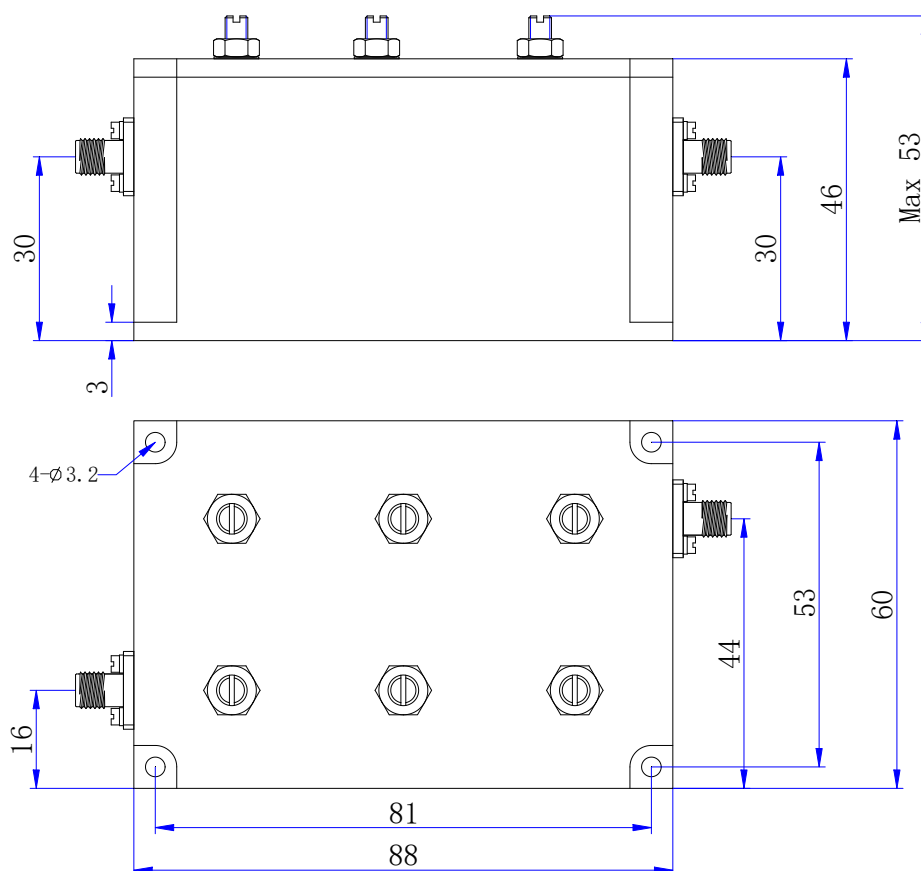


## FSBP10-834-839-S

### Cavity Pass Band Filter Specifications

| Electrical Specifications     |                          |                                          |
|-------------------------------|--------------------------|------------------------------------------|
| 1                             | Center Frequency         | 836.5MHz                                 |
| 2                             | Pass Band Frequency      | 834~839MHz                               |
| 3                             | Pass Band Insertion Loss | ≤2.0dB                                   |
| 4                             | Ripple                   | ≤0.5dB                                   |
| 5                             | Return Loss              | ≥18dB                                    |
| 6                             | Rejection                | ≥60dB @ DC~824MHz<br>≥60dB @ 849~3000MHz |
| 7                             | Power                    | 10W                                      |
| Environmental Characteristics |                          |                                          |
| 1                             | Operating Temperature    | -20℃~+60℃                                |
| 2                             | Environmental Class      | Indoor                                   |
| Mechanical Characteristics    |                          |                                          |
| 1                             | Connectors               | SMA-Female                               |
| 2                             | Surface Finishing        | Black Paint                              |
| 3                             | Dimensions <sup>1</sup>  | 88*60*46mm [3.46*2.36*1.811in]           |

#### Outline Drawing



Default tolerance for unspecified external dimensions is  $\pm 0.5\text{mm}$ , and dimensional tolerance for mounting holes is  $\pm 0.2\text{mm}$ .

