

- **Model:** HXLBQ-DZA151X
- **Product Name:** Cavity Band Rejection Filter
- **Frequency:** 1805~1830MHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

| Technical Data Sheet       |                                                                                                                                                                              |  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Item                       | Parameters                                                                                                                                                                   |  |
| ● Stop Band Frequency      | 1805 ~ 1830MHz                                                                                                                                                               |  |
| ● Stop Band Attenuation    | ≥50dB                                                                                                                                                                        |  |
| ● Pass Band Frequency      | DC ~ 1790MHz , 1845 ~ 5300MHz                                                                                                                                                |  |
| ● Pass Band Insertion Loss | ≤2.0dB @ DC ~ 1785MHz , 1850 ~ 5300MHz<br>≤3.5dB @ 1785 ~ 1790MHz , 1845 ~ 1850MHz                                                                                           |  |
| ● Pass Band VSWR           | ≤1.5:1                                                                                                                                                                       |  |
| ● Impedance                | 50 Ohms                                                                                                                                                                      |  |
| ● Power Handling           | 50W Max.                                                                                                                                                                     |  |
| ● Connectors               | SMA-Female                                                                                                                                                                   |  |
| ● Surface Finish           | Painted Black                                                                                                                                                                |  |
| ● Temperature Range        | -10°C ~ +50°C                                                                                                                                                                |  |
| ● Material                 | Housing: 6061 Aluminum alloy    Connectors: H59 Copper, Plated ternary alloy<br>Cover: LY12 Aluminum alloy    Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |  |
| ● Dimensions               | 209*48*22mm                                                                                                                                                                  |  |
| ● Net weight               | TBD                                                                                                                                                                          |  |

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.8mm)

