

- **Model: HXLBQ-DZA187**
- **Product Name: Cavity Band Rejection Filter**
- **Frequency: 5895~5925MHz**

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

| Technical Data Sheet                                                  |                                                                                              |                                                             |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Item                                                                  | Parameters                                                                                   |                                                             |
| ● Stop Band Center Frequency                                          | 5910MHz                                                                                      |                                                             |
| ● Stop Band Frequency                                                 | 5895 ~ 5925MHz                                                                               |                                                             |
| ● Stop Band Attenuation                                               | ≥50dB                                                                                        |                                                             |
| ● Pass Band Frequency                                                 | DC ~ 5865MHz , 5955 ~ 13000MHz                                                               |                                                             |
| ● Pass Band Insertion Loss                                            | ≤1.7dB @ DC ~ 5840MHz , 5980 ~ 13000MHz<br>≤4.0dB @ 5840 ~ 5865MHz , 5955 ~ 5980MHz          |                                                             |
| ● Pass Band VSWR                                                      | ≤1.5:1                                                                                       |                                                             |
| ● Impedance                                                           | 50 Ohms                                                                                      |                                                             |
| ● Power Handling                                                      | 50W Max.                                                                                     |                                                             |
| ● Connectors                                                          | SMA-Female                                                                                   |                                                             |
| ● Surface Finish                                                      | Painted Black                                                                                |                                                             |
| ● Temperature Range                                                   | -10°C ~ +40°C                                                                                |                                                             |
| ● Material                                                            | Housing: 6061 Aluminum alloy<br>Cover: LY12 Aluminum alloy<br>Tuning screw: H62 Copper alloy | Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| ● Dimensions                                                          | 141*25*16mm                                                                                  |                                                             |
| ● Net weight                                                          | 0.14 KG                                                                                      |                                                             |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                                                                                              |                                                             |

