

- **Model:** HXLBQ-DZA154
- **Product Name:** Cavity Band Rejection Filter
- **Frequency:** 1610~1680MHz

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

### Technical Data Sheet

| Item                       | Parameters                                                                                                                                                                       |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ● Stop Band Frequency      | 1610 ~ 1680MHz                                                                                                                                                                   |
| ● Stop Band Attenuation    | ≥50dB                                                                                                                                                                            |
| ● Pass Band Frequency      | DC ~ 1590MHz , 1700 ~ 4500MHz                                                                                                                                                    |
| ● Pass Band Insertion Loss | ≤1.5dB @ DC ~ 1570MHz , 1720 ~ 4500MHz<br>≤3.5dB @ 1570 ~ 1590MHz , 1700 ~ 1720MHz                                                                                               |
| ● Pass Band VSWR           | ≤1.5:1                                                                                                                                                                           |
| ● Impedance                | 50 Ohms                                                                                                                                                                          |
| ● Power                    | 30W Max.                                                                                                                                                                         |
| ● Connectors               | SMA-Female                                                                                                                                                                       |
| ● Surface Finish           | Painted Black                                                                                                                                                                    |
| ● Temperature Range        | -30°C ~ +70°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               | 245*50*22mm                                                                                                                                                                      |
| ● Net weight               | TBD                                                                                                                                                                              |

### ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

