

- **Model:** HXLBQ-DZA160X
- **Product Name:** Cavity Band Rejection Filter
- **Frequency:** 1427~1518MHz

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

| Technical Data Sheet                                                  |                                                                                                                                                                                  |  |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Item                                                                  | Parameters                                                                                                                                                                       |  |
| ● Stop Band Frequency                                                 | 1427 ~ 1518MHz                                                                                                                                                                   |  |
| ● Stop Band Attenuation                                               | ≥50dB                                                                                                                                                                            |  |
| ● Pass Band Frequency                                                 | DC ~ 1378MHz , 1567 ~ 4000MHz                                                                                                                                                    |  |
| ● Pass Band Insertion Loss                                            | ≤1.5dB                                                                                                                                                                           |  |
| ● Pass Band VSWR                                                      | ≤1.5:1                                                                                                                                                                           |  |
| ● Impedance                                                           | 50 Ohms                                                                                                                                                                          |  |
| ● Power                                                               | 20W Max.                                                                                                                                                                         |  |
| ● Connectors                                                          | SMA-Female                                                                                                                                                                       |  |
| ● Surface Finish                                                      | Painted Black                                                                                                                                                                    |  |
| ● Temperature Range                                                   | -20°C ~ +60°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                                                          | 234*50*28mm                                                                                                                                                                      |  |
| ● Net weight                                                          | TBD                                                                                                                                                                              |  |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                                                                                                                                                                                  |  |

