

- **Model:** HXLBQ-DZA212
- **Product Name:** Cavity Band Rejection Filter
- **Frequency:** 617~652MHz

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

| Technical Data Sheet                                                  |                                                                                              |                                                             |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Item                                                                  | Parameters                                                                                   |                                                             |
| ● Stop Band Frequency                                                 | 617 ~ 652MHz                                                                                 |                                                             |
| ● Stop Band Attenuation                                               | ≥50dB                                                                                        |                                                             |
| ● Pass Band Frequency                                                 | DC ~ 587MHz , 707 ~ 1800MHz                                                                  |                                                             |
| ● Pass Band Insertion Loss                                            | ≤1.0dB (at the corner: 1.5dB Max.)                                                           |                                                             |
| ● Pass Band VSWR                                                      | ≤1.5:1 @ 330 ~ 587MHz , 707 ~ 1800MHz<br>≤1.7:1 @ DC ~ 330MHz                                |                                                             |
| ● Impedance                                                           | 50 Ohms                                                                                      |                                                             |
| ● Power Handling                                                      | 10W Max.                                                                                     |                                                             |
| ● Connectors                                                          | SMA-Female                                                                                   |                                                             |
| ● Surface Finish                                                      | Painted Black                                                                                |                                                             |
| ● Temperature Range                                                   | -20°C ~ +60°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                                                          | 265*99*28mm                                                                                  |                                                             |
| ● Net weight                                                          | TBD                                                                                          |                                                             |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                                                                                              |                                                             |

