

- **Model:** HXLBQ-DTA465X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 900~960MHz

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

| Technical Data Sheet       |   |
|----------------------------|---|
| Item                       | Parameters                                      |
| ● Center Frequency(F0)     | 930MHz  |
| ● Pass Band Frequency      | 900 ~ 960MHz                                    |
| ● Pass Band Insertion Loss | ≤1.5dB  |
| ● Pass Band Ripple         | ≤0.7dB  |
| ● Pass Band VSWR           | ≤1.22:1   |
| ● Stop Band Rejection      | ≥70dB @ DC ~ 850MHz      ≥70dB @ 1010 ~ 2200MHz |
| ● Impedance                | 50 Ohms   |
| ● Power                    | 100W Max.                                       |
| ● Connectors               | SMA-Female                                      |
| ● Surface Finish           | Painted Black                                   |
| ● Temperature Range        | -30°C ~ +70°C                                   |
| ● Net weight               | TBD   |

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 197\*67\*30mm

