

- **Model:** HXLBQ-DTA184
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 3.9~4.8GHz

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

### Technical Data Sheet

| Item                       | Parameters                                                                                                                                                                                                        |                      |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| ● Center Frequency(F0)     | 4.35GHz                                                                                                                                                                                                           |                      |
| ● Pass Band Frequency      | 3.9 ~ 4.8GHz                                                                                                                                                                                                      |                      |
| ● Pass Band Insertion Loss | ≤2.0dB                                                                                                                                                                                                            |                      |
| ● Pass Band VSWR           | ≤1.3:1                                                                                                                                                                                                            |                      |
| ● Stop Band Rejection      | ≥30dB @ DC ~ 3.8GHz                                                                                                                                                                                               | ≥30dB @ 5.0 ~ 6.0GHz |
| ● Impedance                | 50 Ohms                                                                                                                                                                                                           |                      |
| ● Power                    | 5W Max.                                                                                                                                                                                                           |                      |
| ● Connectors               | SMA-Female                                                                                                                                                                                                        |                      |
| ● Surface Finish           | Painted Black                                                                                                                                                                                                     |                      |
| ● Temperature Range        | -20°C ~ +60°C                                                                                                                                                                                                     |                      |
| ● Material                 | Housing: H62 Copper alloy      Resonant column: H59 Copper alloy<br>Cover: H62 Copper alloy      Connectors: H59 Copper, Plated ternary alloy<br>Tuning screw: H62 Copper alloy      Other screw: Stainless Steel |                      |
| ● Dimensions               | 150*20*15.5mm                                                                                                                                                                                                     |                      |
| ● Net weight               | TBD                                                                                                                                                                                                               |                      |

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

