

- **Model:** HXLBQ-DTA183
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 3.0~3.7GHz

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

| Technical Data Sheet                                                  |                                                                                        |                                                                                                                   |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Item                                                                  | Parameters                                                                             |                                                                                                                   |
| ● Center Frequency(F0)                                                | 3.35GHz                                                                                |                                                                                                                   |
| ● Pass Band Frequency                                                 | 3.0 ~ 3.7GHz                                                                           |                                                                                                                   |
| ● Pass Band Insertion Loss                                            | ≤2.0dB                                                                                 |                                                                                                                   |
| ● Pass Band VSWR                                                      | ≤1.3:1                                                                                 |                                                                                                                   |
| ● Stop Band Rejection                                                 | ≥30dB @ DC ~ 2.9GHz                                                                    | ≥30dB @ 3.8 ~ 5.0GHz                                                                                              |
| ● Impedance                                                           | 50 Ohms                                                                                |                                                                                                                   |
| ● Power                                                               | 5W Max.                                                                                |                                                                                                                   |
| ● Connectors                                                          | SMA-Female                                                                             |                                                                                                                   |
| ● Surface Finish                                                      | Painted Black                                                                          |                                                                                                                   |
| ● Temperature Range                                                   | -20°C ~ +60°C                                                                          |                                                                                                                   |
| ● Material                                                            | Housing: H62 Copper alloy<br>Cover: H62 Copper alloy<br>Tuning screw: H62 Copper alloy | Resonant column: H59 Copper alloy<br>Connectors: H59 Copper, Plated ternary alloy<br>Other screw: Stainless Steel |
| ● Dimensions                                                          | 160*21*17.5mm                                                                          |                                                                                                                   |
| ● Net weight                                                          | TBD                                                                                    |                                                                                                                   |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                                                                                        |                                                                                                                   |

