

- **Model:** HXLBQ-DTA888
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 2.5~3.5GHz

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

| Technical Data Sheet                                                  |                                |                              |
|-----------------------------------------------------------------------|--------------------------------|------------------------------|
| Item                                                                  | Parameters                     |                              |
| ● Center Frequency(F0)                                                | 3.0GHz                         |                              |
| ● Pass Band Bandwidth                                                 | ±0.5GHz (2.5 ~ 3.5GHz)         |                              |
| ● Pass Band Insertion Loss                                            | ≤0.6dB                         |                              |
| ● Pass Band Ripple                                                    | ≤0.3dB                         |                              |
| ● Pass Band VSWR                                                      | ≤1.15:1                        |                              |
| ● Stop Band Rejection                                                 | ≥80dB @ DC ~ 1.1GHz            | ≥40dB @ 3.75 ~ 4.0GHz        |
|                                                                       | ≥40dB @ 1.1 ~ 2.0GHz           | ≥80dB @ 4.0 ~ 9.0GHz         |
| ● Impedance                                                           | 50 Ohms                        |                              |
| ● Power Handling                                                      | 10W Max.                       |                              |
| ● Connectors                                                          | SMA-Female                     |                              |
| ● Surface Finish                                                      | Painted Black                  |                              |
| ● Temperature Range                                                   | -30℃ ~ +70℃                    |                              |
| ● Material                                                            | Housing: H62 Copper alloy      | Connectors: Stainless Steel  |
|                                                                       | Cover: H62 Copper alloy        | Other screw: Stainless Steel |
|                                                                       | Tuning screw: H62 Copper alloy |                              |
| ● Dimensions                                                          | 90*22*19.5mm                   |                              |
| ● Net weight                                                          | 0.194 KG                       |                              |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm) |                                |                              |

