



- **Model: HXLBQ-DTA889**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 3.5~4.5GHz**

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

**Technical Data Sheet**

| Item                       | Parameters                                      |
|----------------------------|---|
| ● Center Frequency(F0)     | 4.0GHz  |
| ● Pass Band Bandwidth      | ±0.5GHz (3.5 ~ 4.5GHz)                          |
| ● Pass Band Insertion Loss | ≤0.7dB  |
| ● Pass Band Ripple         | ≤0.35dB   |
| ● Pass Band VSWR           | ≤1.15:1   |
| ● Stop Band Rejection      | ≥80dB @ F0±0.95GHz (DC ~ 3.05GHz , 4.95 ~12GHz) |
| ● Impedance                | 50 Ohms   |
| ● Power Handling           | 5.0W Max.                                       |
| ● Connectors               | SMA-Female                                      |
| ● Surface Finish           | Painted Black                                   |
| ● Temperature Range        | -30°C ~ +70°C                                   |
| ● Net weight               | 0.175 KG  |

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: ±0.3mm)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel  |
|                   | ● Cover: H62 Copper alloy        | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 110*19*18mm      |

