

- **Model:** HXLBQ-DTA573
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 17.7~21.2GHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	19.45GHz
● Pass Band Frequency	17.7 ~ 21.2GHz
● Pass Band Insertion Loss	≤0.8dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥85dB @ DC ~ 14.15GHz    ≥85dB @ 23.4 ~ 34GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	2.92mm(K)-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.065 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: ±0.5mm)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ● <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*16*12.5mm    |

