

- **Model:** HXLBQ-DTA398
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 10.4~11.4GHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	10.9GHz
● Pass Band Frequency	10.4 ~ 11.4GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥50dB @ DC ~ 9.9GHz      ≥50dB @ 11.9 ~ 18GHz
● Impedance	50 Ohms
● Power	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

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        | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*17*12mm       |

