

- **Model:** HXLBQ-DTA250
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9.0~9.3GHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	9.15GHz
● Pass Band Frequency	9.0 ~ 9.3GHz
● Pass Band Insertion Loss	≤1.9dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥45dB @ DC ~ 8.8 GHz      ≥45dB @ 9.5 ~ 20GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.075 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)

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|-------------------|----------------------------------|--|
| ● <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: H62 Copper alloy        | ● Other screw: Stainless Steel                 |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*16*12mm                       |

