

- **Model:** HXLBQ-DTA448
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5150~5850MHz

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

| Technical Data Sheet | |
|----------------------------|---|
| Item | Parameters |
| ● Center Frequency(F0) | 5500MHz |
| ● Pass Band Frequency | 5150 ~ 5850MHz |
| ● Pass Band Insertion Loss | ≤1.5dB |
| ● Pass Band Ripple | ≤0.8dB |
| ● Pass Band VSWR | ≤1.22:1 |
| ● Stop Band Rejection | ≥50dB @ DC ~ 5000MHz ≥50dB @ 6000 ~ 13000MHz |
| ● Impedance | 50 Ohms |
| ● Power | 20W 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: ±0.3mm)

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 110*18*16mm |

