

- **Model:** HXLBQ-DTA249
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5725~5850MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

| Item                       | Parameters  |
|----------------------------|---|
| ● Center Frequency(F0)     | 5787.5MHz   |
| ● Pass Band Frequency      | 5725 ~ 5850MHz  |
| ● Pass Band Insertion Loss | ≤1.0dB  |
| ● Pass Band VSWR           | ≤1.3:1  |
| ● Stop Band Rejection      | ≥80dB @ DC ~ 5500MHz      ≥60dB @ 5950 ~ 9000MHz<br>≥60dB @ 5500~ 5625MHz |
| ● Impedance                | 50 Ohms   |
| ● Power Handling           | 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: ±0.5mm)

- **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 73\*39\*15mm

