

- **Model:** HXLBQ-DTA247
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 23~25GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	24GHz
● Pass Band Frequency	23 ~ 25GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥50dB @ DC ~ 22GHz    ≥50dB @ 26 ~ 44GHz
● Impedance	50 Ohms
● Power Handling	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: ±0.4mm)

- **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Other screw: Stainless Steel
  - Dimensions: 60\*16\*11mm

