

- **Model:** HXLBQ-DTA1245
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 832~862MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	847MHz
● Pass Band Frequency	832 ~ 862MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.4dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 827MHz      ≥30dB @ 867 ~ 2500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +50°C
● Dimensions	107*107*36mm
● 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: 6061 Aluminum alloy
  - Resonant column: H59 Copper alloy
  - Cover: LY12 Aluminum alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Tuning screw: H62 Copper alloy
  - Other screw: Stainless Steel

