

- **Model: HXLBQ-DTA543**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 880~915MHz**

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	897.5MHz
● Pass Band Frequency	880 ~ 915MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.1dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 875MHz      ≥30dB @ 920 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Dimensions	120*62*41mm
● Net weight	0.47 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Resonant column: H59 Copper alloy
  - Cover: LY12 Aluminum alloy
  - Other screw: Stainless Steel
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy

