

- **Model:** HXLBQ-DTA656X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 824~915MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	869.5MHz
● Pass Band Frequency	824 ~ 915MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.65dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥60dB @ DC ~ 784MHz      ≥60dB @ 955 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	30W 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)

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|-------------------|----------------------------------|-------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy     | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 188*57*25mm     |

