

- **Model: HXLBQ-DTA676**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 8950~9150MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	9050MHz
● Pass Band Frequency	8950 ~ 9150MHz **
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 8600MHz      ≥40dB @ 9300 ~ 9500MHz ≥40dB @ 8600 ~ 8800MHz      ≥80dB @ 9500 ~ 23000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.102 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: ±0.5mm)

- **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 100\*17\*12mm

