

- **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	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	100*17*9.5mm	
● Net weight	0.102 KG	

** 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)

