

- **Model: HXLBQ-DTA768**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 10050~10090MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	10070MHz	
● Pass Band Frequency	10050 ~ 10090MHz	
● Pass Band Insertion Loss	≤2.2dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥50dB @ DC ~ 9920MHz	≥20dB @ 10140 ~ 10220MHz
	≥20dB @ 9920 ~ 10000MHz	≥50dB @ 10220 ~ 18000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+15°C ~ +30°C	
● Net weight	0.12 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)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*20*13mm     |

