

- **Model:** HXLBQ-DTA654
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6881~7537MHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7209MHz	
● Pass Band Frequency	6881 ~ 7537MHz	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6109MHz	≥50dB @ 7918 ~ 8309MHz
	≥50dB @ 6109 ~ 6500MHz	≥80dB @ 8309 ~ 15000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Male / SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.085 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: 80*18*13mm      |

