

- **Model: HXLBQ-DTA531**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5.45~5.55GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5.5GHz	
● Pass Band Frequency	5.45 ~ 5.55GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥80dB @ DC ~ 5.2GHz ≥50dB @ 5.2 ~ 5.35GHz	≥50dB @ 5.65 ~ 5.8GHz ≥80dB @ 5.8 ~ 17GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.17 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: 73*39*15mm

