

- **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 @ 5.65 ~ 5.8GHz
	≥50dB @ 5.2 ~ 5.35GHz	≥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	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	73*39*12mm	
● Net weight	0.17 KG	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

