

# HXLBQ-DTA531

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	5.5GHz	
2	Pass Band Frequency	5.45 ~ 5.55GHz	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band VSWR	≤1.22:1	
6	Stop Band Rejection	≥80dB @ DC ~ 5.2GHz ≥50dB @ 5.2 ~ 5.35GHz	≥50dB @ 5.65 ~ 5.8GHz ≥80dB @ 5.8 ~ 17GHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30℃ ~ +70℃	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	73*39*12mm	
24	Net weight	0.17 KG	

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

