

# HXLBQ-DTA529

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	21.7GHz	
2	Pass Band Frequency	21.2 ~ 22.2GHz	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.25dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 19.3GHz ≥40dB @ 19.3 ~ 20.4GHz	≥40dB @ 23 ~ 24.1GHz ≥80dB @ 24.1 ~ 42GHz
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	60*16*9mm	
14	Net weight	0.065 KG	

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

