

- **Model:** HXLBQ-DTA529
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 21.2~22.2GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	21.7GHz	
● Pass Band Frequency	21.2 ~ 22.2GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.25dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 19.3GHz ≥40dB @ 19.3 ~ 20.4GHz	≥40dB @ 23 ~ 24.1GHz ≥80dB @ 24.1 ~ 42GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.065 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: 60*16*12mm

