

- **Model:** HXLBQ-DTA496
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2.2~2.3GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2.25GHz
● Pass Band Frequency	2.2 ~ 2.3GHz
● Pass Band Insertion Loss	≤1.6dB
● Pass Band Ripple	≤0.65dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥50dB @ DC ~ 2.15GHz ≥50dB @ 2.35 ~ 6.5GHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.224 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: ±0.3mm)

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|-------------------|------------------------------|--------------------------------|
| ● Material | ● Housing: Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: Copper alloy | ● Dimensions: 179*37*12mm |

