

- **Model:** HXLBQ-DTA890
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4.5~5.5GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5.0GHz	
● Pass Band Bandwidth	1000MHz (4.5 ~ 5.5GHz)	
● Pass Band Insertion Loss	≤0.4dB @ 5.0GHz	≤0.6dB @ 4.5 ~ 5.5GHz
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.15:1	
● Stop Band Attenuation	≥90dB @ DC ~ 3.2GHz ≥50dB @ 3.2 ~ 4.0GHz	≥60dB @ 6.0 ~ 6.4GHz ≥90dB @ 6.4 ~ 16.5GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.09 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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 70*17*15mm |

