

- **Model:** HXLBQ-DTA1209
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9000~10000MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	9500MHz	
● Pass Band Bandwidth	±500MHz (9000 ~ 10000MHz)	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 8750MHz	≥50dB @ 10150 ~ 10250MHz
	≥50dB @ 8750 ~ 8850MHz	≥80dB @ 10250 ~ 23000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	120*16*9.5mm	
● Net weight	0.12 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: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | |

