

- **Model:** HXLBQ-DTA1204
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5400~5900MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5650MHz	
● Pass Band Frequency	5400 ~ 5900MHz	
● Pass Band Insertion Loss	$\leq 0.5\text{dB @ } 5650\text{MHz}$ $\leq 0.9\text{dB @ } 5400 \sim 5900\text{MHz}$	
● Pass Band Ripple	$\leq 0.35\text{dB}$	
● Pass Band VSWR	$\leq 1.15:1$	
● Stop Band Rejection	$\geq 80\text{dB @ DC} \sim 5000\text{MHz}$ $\geq 60\text{dB @ } 5000 \sim 5150\text{MHz}$	$\geq 60\text{dB @ } 6150 \sim 6300\text{MHz}$ $\geq 80\text{dB @ } 6300 \sim 19000\text{MHz}$
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
● Dimensions	90*16*11mm	
● Net weight	0.095 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: $\pm 0.3\text{mm}$)

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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 | |

