

- **Model: HXLBQ-DTA934**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 6000~7000MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6500MHz	
● Pass Band Frequency	6000 ~ 7000MHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 5500MHz ≥30dB @ 5500 ~ 5800MHz	≥30dB @ 7200 ~ 7500MHz ≥80dB @ 7500 ~ 15000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	TBD	

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 | ● Dimensions: 100*16*14mm |

