

- **Model: HXLBQ-DTA732**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3500~6250MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	4875MHz	
● Pass Band Frequency	3500 ~ 6250MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥80dB @ DC ~ 2420MHz ≥50dB @ 2420 ~ 2950MHz	≥50dB @ 6490 ~ 6620MHz ≥80dB @ 6620 ~ 13500MHz
● Impedance	50 Ohms	
● Power Handling	5.0W 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: ±0.5mm)

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|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*23*16mm     |

