

- **Model:** HXLBQ-DTA764
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 7900~8100MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	8000MHz	
● Pass Band Bandwidth	±100MHz (7900 ~ 8100MHz)	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 7400MHz ≥40dB @ 7400 ~ 7700MHz	≥40dB @ 8300 ~ 8600MHz ≥80dB @ 8600 ~ 20000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.08 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)

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*16*13mm |

