

- **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 @ 8300 ~ 8600MHz
	≥40dB @ 7400 ~ 7700MHz	≥80dB @ 8600 ~ 20000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	80*16*10mm	
● Net weight	0.08 KG	

** 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)

