

- **Model:** HXLBQ-DTA722
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6000~7500MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	6750MHz	
● Pass Band Frequency	6000 ~ 7500MHz **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.9dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 5450MHz	≥50dB @ 7800 ~ 7950MHz
	≥50dB @ 5450 ~ 5700MHz	≥80dB @ 7950 ~ 16000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	100*16*11mm	
● Net weight	TBD	

**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: $\pm 0.3\text{mm}$)

