

- **Model:** HXLBQ-DTA422
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9.995 ~ 10.005GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	10GHz	
● Pass Band Bandwidth	10MHz (9.995 ~ 10.005GHz)	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤0.15dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥50dB @ DC ~ 9.85GHz	≥50dB @ 10.15 ~ 18GHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	100*20*10mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

