- **Model：HXLBQ-DTA400**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：9.9~10.9GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	10.4GHz	
● Pass Band Frequency	9.9 ~ 10.9GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥50dB @ DC ~ 9.4GHz	≥50dB @ 11.4 ~ 18GHz
● Impedance	50 Ohms	
● Power	5W 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)

●Material	●Housing: H62 Copper alloy	●Connectors: Stainless Steel
	●Cover: H62 Copper alloy	●Other screw: Stainless Steel
	●Tuning screw: H62 Copper alloy	●Dimensions: 80*17*12mm