

- **Model:** HXLBQ-DTA515
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9.7~11.2GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	10.45GHz	
● Pass Band Frequency	9.7 ~ 11.2GHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 9.05GHz	≥50dB @ 11.6 ~ 11.85GHz
	≥50dB @ 9.05 ~ 9.3GHz	≥80dB @ 11.85 ~ 22GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	100*16*9mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

