

- **Model:** HXLBQ-DTA542
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9.0~10GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	9.5GHz	
● Pass Band Frequency	9.0 ~ 10GHz	
● Pass Band Insertion Loss	≤0.7 dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 7.8GHz	≥70dB @ 11 ~ 11.2GHz
	≥70dB @ 7.8 ~ 8.0GHz	≥80dB @ 11.2 ~ 23GHz
● Impedance	50 Ohms	
● Power Handling	10W 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	70*16*9mm	
● Net weight	0.07 KG	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

