

- **Model:** HXLBQ-DTA317
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12~13GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	12.5GHz	
● Pass Band Frequency	12 ~ 13GHz	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.2dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Attenuation	≥50dB @ DC ~ 11GHz	≥50dB @ 14 ~ 30GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	70*16*8mm	
● Net weight	0.06 KG	

●**Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

