

- **Model:** HXLBQ-DTA347
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5.95~6.05GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6.0GHz	
● Pass Band Frequency	5.95 ~ 6.05GHz	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥30dB @ DC ~ 5.85GHz	≥30dB @ 6.15 ~ 20GHz
● 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 Connectors: H59 Copper, Plated ternary alloy Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy	
● Dimensions	60*16*10mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

