

- **Model:** HXLBQ-DTA344
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 558~566MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	562MHz	
● Pass Band Frequency	558 ~ 566MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥40dB @ DC ~ 548MHz	≥40dB @ 576 ~ 1000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	N-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: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
- Connectors: H59 Copper, Plated ternary alloy
- Other screw: Stainless Steel
- Dimensions: 122*83*60mm

