

- **Model:** HXLBQ-DTA1309
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 7992.5~8092.5MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	8042.5MHz	
● Pass Band Frequency	7992.5 ~ 8092.5MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.08dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6182MHz	≥50dB @ 8802 ~ 9902MHz
	≥50dB @ 6182 ~ 7282MHz	≥80dB @ 9902 ~ 27000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.038 KG	

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: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 40\*16\*11mm

