

- **Model: HXLBQ-DTA747**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 9250~9750MHz**

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	9500MHz	
● Pass Band Frequency	9250 ~ 9750MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.35dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 8750MHz ≥40dB @ 8750 ~ 9000MHz	≥40dB @ 10000 ~ 10250MHz ≥80dB @ 10250 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.085 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: 90\*16\*12mm

