

- **Model:** HXLBQ-DTA639
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 7.0~12.5GHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	9.75GHz	
● Pass Band Frequency	7.0 ~ 12.5GHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥15dB	
● Stop Band Rejection	≥80dB @ DC ~ 5.9GHz ≥50dB @ 5.9 ~ 6.3GHz	≥50dB @ 13 ~ 13.2GHz ≥80dB @ 13.2 ~ 21GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.162 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: 120\*22\*13.5mm

