

- **Model:** HXLBQ-DTA475
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 5.5~7.0GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6.25GHz	
● Pass Band Frequency	5.5 ~ 7.0GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥80dB @ DC ~ 4.5GHz ≥60dB @ 4.5 ~ 5.0GHz	≥60dB @ 7.5 ~ 8.0GHz ≥80dB @ 8.0 ~ 19GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.11 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
 - Other screw: Stainless Steel
 - Dimensions: 100*17*14mm

