

- **Model:** HXLBQ-DTA550
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 4600~6600MHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5600MHz	
● Pass Band Bandwidth	2000MHz (4600 ~ 6600MHz)	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 4050MHz ≥75dB @ 4050 ~ 4100MHz ≥30dB @ 4100 ~ 4400MHz	≥45dB @ 6800 ~ 6920MHz ≥80dB @ 6920 ~ 14000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-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: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
- **Connectors:** Stainless Steel
- **Working Environment:** Indoor
- **Dimensions:** 120\*19\*16.5mm

