

- **Model:** HXLBQ-DTA417
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 10~18GHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	14GHz	
● Pass Band Frequency	10 ~ 18GHz	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤1.2dB	
● Pass Band Return Loss	≥17dB	
● Stop Band Rejection	≥80dB @ DC ~ 7.7GHz	≥50dB @ 18.5 ~ 18.8GHz
	≥50dB @ 7.7 ~ 8.8GHz	≥80dB @ 18.8 ~ 25.5GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	ø0.5*2mm PIN (SMA-Female Removable)	
● 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
  - Other screw: Stainless Steel
  - Dimensions: 90\*20\*14mm

