

- **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	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	90*20*11mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)		

