

- 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	$\leq 2.0\text{dB}$	
● Pass Band Ripple	$\leq 1.2\text{dB}$	
● Pass Band Return Loss	$\geq 17\text{dB}$	
● Stop Band Rejection	$\geq 80\text{dB} @ \text{DC} \sim 7.7\text{GHz}$	$\geq 50\text{dB} @ 18.5 \sim 18.8\text{GHz}$
	$\geq 50\text{dB} @ 7.7 \sim 8.8\text{GHz}$	$\geq 80\text{dB} @ 18.8 \sim 25.5\text{GHz}$
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	$\phi 0.5 \times 2\text{mm}$ PIN (SMA-Female Removable)	
● Surface Finish	Painted Black	
● Temperature Range	$-30^\circ\text{C} \sim +70^\circ\text{C}$	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	90*20*11mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)

