

- **Model:** HXLBQ-DTA879
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 45~55GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	50GHz	
● Pass Band Frequency	45 ~ 55GHz **	
● Pass Band Insertion Loss	≤1.9dB	
● Pass Band Ripple	≤0.75dB	
● Pass Band Return Loss	≥16dB (Typical: ≥18dB)	
● Stop Band Rejection	≥80dB @ DC ~ 43.4GHz	≥32dB @ 56 ~ 57.4GHz
	≥44dB @ 43.4 ~ 44GHz	≥80dB @ 57.4 ~ 70GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	1.85mm(V)-Female	
● 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	60*14*7mm	
● Net weight	TBD	

** 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: ±0.3mm)

