

- **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
● 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
● 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)

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| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*14*10mm |

