

- **Model:** HXLBQ-DTA878
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 35~45GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	40GHz	
● Pass Band Frequency	35 ~ 45GHz	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤0.65dB	
● Pass Band Return Loss	≥17dB (Typical: ≥18dB)	
● Stop Band Rejection	≥80dB @ DC ~ 33.4GHz ≥48dB @ 33.4 ~ 34GHz	≥36dB @ 46 ~ 47.05GHz ≥80dB @ 47.05 ~ 66GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm(Q)-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*10.2mm |

