

- **Model: HXLBQ-DTA631**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 35~53GHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	44GHz	
● Pass Band Frequency	35 ~ 53GHz	
● Pass Band Insertion Loss	≤1.1dB	
● Pass Band Ripple	≤0.55dB	
● Pass Band Return Loss	≥16dB	
● Stop Band Rejection	≥80dB @ DC ~ 32.5GHz ≥30dB @ 32.5 ~ 34GHz	≥10dB @ 54 ~ 58.5GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm(Q)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	60*16*8.5mm	
● Net weight	0.061 KG	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

