

- **Model:** HXLBQ-DTA324
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 28~43.5GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	35.75GHz	
● Pass Band Frequency	28 ~ 43.5GHz	
● Pass Band Insertion Loss	≤0.9dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥17dB	
● Stop Band Rejection	≥80dB @ DC ~ 25.8GHz	≥22dB @ 44.5 ~ 45.2GHz
	≥40dB @ 25.8 ~ 27GHz	≥40dB @ 45.2 ~ 51GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.07 KG	

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)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 70*16*12mm

