

- **Model:** HXLBQ-DTA202
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 32~40GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	36GHz	
● Pass Band Frequency	32 ~ 40GHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥17dB	
● Stop Band Rejection	≥80dB @ DC ~ 28.5GHz ≥50dB @ 28.5 ~ 29GHz	≥50dB @ 41.5 ~ 42.7GHz ≥80dB @ 42.7 ~ 50GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.08 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: 80*16*11.5mm

