

- **Model: HXLBQ-DTA306**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 15~25GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	20GHz	
● 3.0dB Bandwidth	10GHz (15 ~ 25GHz)	
● Pass Band Bandwidth	9.4GHz (15.3 ~ 24.7GHz)	
● Pass Band Insertion Loss	≤0.5dB @ 20GHz	≤0.8dB @ 15.3 ~ 24.7GHz
● Pass Band Ripple	≤0.4dB @ 15.3 ~ 24.7GHz	
● Pass Band VSWR	≤1.3:1 @ 15.3 ~ 24.7GHz	
● Stop Band Attenuation	≥80dB @ DC ~ 12.2GHz	≥35dB @ 26 ~ 27.5GHz
	≥35dB @ 12.2 ~ 14GHz	≥80dB @ 27.5 ~ 34GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.92mm(K)-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)

- **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

