

- **Model:** HXLBQ-DTA338
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 26.99~30.01GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	28.5GHz	
● Pass Band Frequency	26.99 ~ 30.01GHz	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.47dB	
● Pass Band VSWR	≤1.28:1	
● Stop Band Attenuation	≥40dB @ DC ~ 26GHz	≥40dB @ 31 ~ 52GHz
● 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: 40*16*11.5mm

