

- **Model: HXLBQ-DTA574**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 27.5~31GHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	29.25GHz	
● Pass Band Frequency	27.5 ~ 31GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.25dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥85dB @ DC ~ 25.15GHz	≥85dB @ 33.85 ~ 47GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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	0.062 KG	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

