

- **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
● Net weight	0.062 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 | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*16*11mm |

