

- **Model: HXLBQ-DTA803**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 28500~31000MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	29750MHz	
● Pass Band Frequency	28500 ~ 31000MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥85dB @ DC ~ 27250MHz	≥85dB @ 32650 ~ 46000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	70*16*8.5mm	
● Net weight	0.07 KG	

** 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: $\pm 0.3\text{mm}$)

