

- **Model:** HXLBQ-DTA1425
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 7612~8812MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	8212MHz	
● Pass Band Frequency	7612 ~ 8812MHz	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6712MHz	≥40dB @ 9212 ~ 9562MHz
	≥40dB @ 6712 ~ 7212MHz	≥80dB @ 9562 ~ 21500MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	0.081 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: ±0.4mm)

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|-------------------|------------------------------|-------------------------------|
| ◆ Material | ● Housing: Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: Copper alloy | ● Dimensions: 80*16*13mm |

