

- **Model:** HXLBQ-DTA1423
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2650~2800MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2725MHz	
● Pass Band Frequency	2650 ~ 2800MHz	
● Pass Band Insertion Loss	≤1.4dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2550MHz	≥40dB @ 2850 ~ 2900MHz
	≥40dB @ 2550 ~ 2600MHz	≥80dB @ 2900 ~ 6000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°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: ±0.3mm)

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|-------------------|------------------------------|-------------------------------|
| ◆ Material | ● Housing: Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: Copper alloy | ● Dimensions: 130*23*20mm |

