

- **Model:** HXLBQ-DTA423
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 437~488MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	462.5MHz	
● Pass Band Frequency	437 ~ 488MHz	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.2dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥60dB @ DC ~ 275MHz	≥60dB @ 650 ~ 1500MHz
● Impedance	50 Ohms	
● Power Handling	50W Max.	
● Connectors	N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	133*80*40mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)		

