

- **Model: HXLBQ-DTA704**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 420~460MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	440MHz	
● Pass Band Frequency	420 ~ 460MHz	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.2dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥40dB @ DC ~ 380MHz	≥40dB @ 500 ~ 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 Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	180*82*35mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

