

- **Model:** HXLBQ-DTA524
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 470~525MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	497.5MHz	
● Pass Band Frequency	470 ~ 525MHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥60dB @ DC ~ 440MHz	≥60dB @ 555 ~ 1500MHz
● Impedance	50 Ohms	
● Power Handling	30W Max.	
● Connectors	SMA-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	238*70*35mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)		

