

- **Model:** HXLBQ-DTA169
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 485~505MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	495MHz	
● Pass Band Frequency	485 ~ 505MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Attenuation	≥40dB @ DC ~ 465MHz	≥40dB @ 525 ~ 1000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-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	190*80*35mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±1.0mm)

