

- **Model:** HXLBQ-DTA499
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3490~3510MHz

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

Technical Data Sheet			
Item		Parameters	
●	Center Frequency(F0)	3500MHz	
●	Pass Band Frequency	3490 ~ 3510MHz	
●	Pass Band Insertion Loss	≤1.5dB	
●	Pass Band Ripple	≤0.4dB	
●	Pass Band Return Loss	≥20dB	
●	Stop Band Rejection	≥40dB @ DC ~ 3450MHz	≥40dB @ 3550 ~ 7000MHz
●	Impedance	50 Ohms	
●	Power Handling	10W 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	87*60*16mm	
●	Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)			

