



- **Model:** HXLBQ-DTA493X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3570.5 ~ 3670.5MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3620.5MHz	
● Pass Band Frequency	3570.5 ~ 3670.5MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥80dB @ DC ~ 3440.5MHz ≥40dB @ 3440.5 ~ 3520.5MHz	≥40dB @ 3720.5 ~ 3800.5MHz ≥80dB @ 3800.5 ~ 8000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	TBD	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 110*21*20mm

