

- **Model: HXLBQ-DTA862**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3600~4000MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3800MHz	
● Pass Band Frequency	3600 ~ 4000MHz **	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 3350MHz	≥50dB @ 4150 ~ 4250MHz
	≥50dB @ 3350 ~ 3450MHz	≥80dB @ 4250 ~ 8000MHz
● 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	Connectors: Stainless Steel
	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	120*21*17mm	
● Net weight	TBD	

** 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: ±0.3mm)

