

- **Model: HXLBQ-DTA921**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3160~3380MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3270MHz	
● Pass Band Frequency	3160 ~ 3380MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.9dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 3050MHz	≥40dB @ 3430 ~ 3490MHz
	≥40dB @ 3050 ~ 3110MHz	≥80dB @ 3490 ~ 7000MHz
● 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 | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 140*23*21mm |

