

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA523LC
- **Frequency:** 225~450MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	337.5MHz	
● Pass Band Frequency	225 ~ 450MHz	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥15dB	
● Stop Band Rejection	≥40dB @ DC ~ 175MHz	≥40dB @ 500 ~ 1000MHz
● Impedance	50 Ohms	
● Power Handling	1.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.03 KG	

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: ±0.3mm)

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|-------------------|--------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy   | ● Dimensions: 50*18*13mm      |

