

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA896LC
- **Frequency:** 300~500MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	400MHz	
● Pass Band Frequency	300 ~ 500MHz	
● Pass Band Insertion Loss	≤1.8dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band VSWR	≤1.4:1	
● Stop Band Rejection	≥40dB @ DC ~ 240MHz	≥40dB @ 625 ~ 1500MHz
● Impedance	50 Ohms	
● Power Handling	1.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.025 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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|-------------------|--------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Dimensions: 40*18*13mm |

