

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA684LC
- **Frequency:** 100~110MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency	105MHz	
● Pass Band Frequency	100 ~ 110MHz **	
● Pass Band Insertion Loss	≤1.8dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥15dB	
● Stop Band Rejection	≥40dB @ DC ~ 80MHz	≥40dB @ 137 ~ 500MHz
● Impedance	50 Ohms	
● Power Handling	1.0W 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
● Dimensions	30*18*13mm	
● Net weight	0.02 KG	

\*\* 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)

