

- **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
● 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)

- ◆ **Material**
- Housing: 6061 Aluminum alloy
 - Connectors: Stainless Steel
 - Cover: LY12 Aluminum alloy
 - Dimensions: 30*18*13mm

