

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA897LC
- **Frequency:** 500~700MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	600MHz
● Pass Band Frequency	500 ~ 700MHz
● Pass Band Insertion Loss	≤1.8dB
● Pass Band Ripple	≤0.8dB
● Pass Band VSWR	≤1.4:1
● Stop Band Rejection	≥40dB @ DC ~ 400MHz      ≥40dB @ 875 ~ 2000MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	40*18*13mm
● 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
- Connectors: Stainless Steel
- Other screw: Stainless Steel

