

- **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
● Material	Housing: 6061 Aluminum alloy      Connectors: Stainless Steel Cover: LY12 Aluminum alloy      Other screw: Stainless Steel
● Dimensions	40*18*13mm
● Net weight	0.025 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)

