

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA615LC
- **Frequency:** 110~170MHz

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

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	140MHz
● Pass Band Frequency	110 ~ 170MHz
● Pass Band Insertion Loss	≤1.8dB
● Pass Band Ripple	≤1.0dB
● Pass Band Return Loss	≥15dB
● Stop Band Rejection	≥50dB @ DC ~ 80MHz      ≥50dB @ 200 ~ 800MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

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)

- |                   |                                |  |
|-------------------|--------------------------------|--|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy   | ● Dimensions: 40*18*19mm                       |

