

- **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                                              |                                                                              |
| ● Material                                                            | Housing: 6061 Aluminum alloy<br>Cover: LY12 Aluminum alloy | Connectors: H59 Copper, Plated ternary alloy<br>Other screw: Stainless Steel |
| ● Dimensions                                                          | 40*18*19mm                                                 |                                                                              |
| ● Net weight                                                          | TBD                                                        |                                                                              |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm) |                                                            |                                                                              |

