

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA274LC
- **Frequency:** 566~626MHz

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

| Technical Data Sheet                                                  |                                                            |                                                                              |
|-----------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------|
| Item                                                                  | Parameters                                                 |                                                                              |
| ● Center Frequency(F0)                                                | 596MHz                                                     |                                                                              |
| ● Pass Band Frequency                                                 | 566 ~ 626MHz                                               |                                                                              |
| ● Pass Band Insertion Loss                                            | ≤1.7dB                                                     |                                                                              |
| ● Pass Band Ripple                                                    | ≤0.5dB                                                     |                                                                              |
| ● Pass Band VSWR                                                      | ≤1.4:1                                                     |                                                                              |
| ● Stop Band Attenuation                                               | ≥40dB @ DC ~ 526MHz                                        | ≥40dB @ 666 ~ 1800MHz                                                        |
| ● Impedance                                                           | 50 Ohms                                                    |                                                                              |
| ● Power Handling                                                      | 50W Max.                                                   |                                                                              |
| ● Connectors                                                          | SMA-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                                                          | 80*30*20mm                                                 |                                                                              |
| ● Net weight                                                          | TBD                                                        |                                                                              |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm) |                                                            |                                                                              |

