

- **Product Name: LC Band Pass Filter**
- **Model: HXLBQ-DTA278LC**
- **Frequency: 28.5~31.5MHz**

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

### Technical Data Sheet

| Item                        | Parameters   |
|-----------------------------|--|
| ● Center Frequency(F0)      | 30MHz  |
| ● 1.0dB Pass Band Bandwidth | 3.0MHz (28.5 ~ 31.5MHz)  |
| ● Pass Band Insertion Loss  | ≤2.0dB   |
| ● Pass Band VSWR            | ≤1.5:1   |
| ● Stop Band Attenuation     | ≥60dB @ DC ~ 15MHz      ≥60dB @ 45 ~ 100MHz  |
| ● Impedance                 | 50 Ohms  |
| ● Power Handling            | 15dBm Max.   |
| ● Connectors                | SMA-Female   |
| ● Surface Finish            | Painted Black  |
| ● Temperature Range         | -30°C ~ +70°C  |
| ● Material                  | Housing: 6061 Aluminum alloy    Connectors: H59 Copper, Plated ternary alloy<br>Cover: LY12 Aluminum alloy    Other screw: Stainless Steel |
| ● Dimensions                | 40*18*13mm   |
| ● Net weight                | TBD  |

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

