

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA277LC
- **Frequency:** 19~21MHz

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

### Technical Data Sheet

| Item                        | Parameters                                                 |                                                                              |
|-----------------------------|------------------------------------------------------------|------------------------------------------------------------------------------|
| ● Center Frequency(F0)      | 20MHz                                                      |                                                                              |
| ● 1.0dB Pass Band Bandwidth | 2.0MHz (19 ~ 21MHz)                                        |                                                                              |
| ● Pass Band Insertion Loss  | ≤2.0dB                                                     |                                                                              |
| ● Pass Band VSWR            | ≤1.5:1                                                     |                                                                              |
| ● Stop Band Attenuation     | ≥60dB @ DC ~ 10MHz                                         | ≥60dB @ 30 ~ 80MHz                                                           |
| ● 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<br>Cover: LY12 Aluminum alloy | Connectors: H59 Copper, Plated ternary alloy<br>Other screw: Stainless Steel |
| ● Dimensions                | 40*18*13mm                                                 |                                                                              |
| ● Net weight                | TBD                                                        |                                                                              |

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

