

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA1163LC
- **Frequency:** 13~17MHz

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

### Technical Data Sheet

| Item                       | Parameters          |                     |
|----------------------------|---------------------|---------------------|
| ● Center Frequency(F0)     | 15MHz               |                     |
| ● Pass Band Frequency      | 13 ~ 17MHz          |                     |
| ● Pass Band Insertion Loss | ≤1.8dB              |                     |
| ● Pass Band Ripple         | ≤0.8dB              |                     |
| ● Pass Band VSWR           | ≤1.4:1              |                     |
| ● Stop Band Rejection      | ≥60dB @ DC ~ 9.0MHz | ≥60dB @ 25 ~ 100MHz |
| ● Impedance                | 50 Ohms             |                     |
| ● Power Handling           | 1.0W Max.           |                     |
| ● Connectors               | SMA-Female          |                     |
| ● Surface Finish           | Painted Black       |                     |
| ● Temperature Range        | -30°C ~ +70°C       |                     |
| ● Dimensions               | 30*18*13mm          |                     |
| ● Net weight               | 0.02 KG             |                     |

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: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy   | ● Other screw: Stainless Steel |

