

- **Model:** HXLBQ-DTA354X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2037~2047MHz

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

**Technical Data Sheet**

| Item                       | Parameters                                       |
|----------------------------|--|
| ● Center Frequency(F0)     | 2042MHz  |
| ● Pass Band Frequency      | 2037 ~ 2047MHz                                   |
| ● Pass Band Insertion Loss | ≤2.0dB   |
| ● Pass Band Ripple         | ≤0.5dB   |
| ● Pass Band VSWR           | ≤1.22:1  |
| ● Stop Band Rejection      | ≥40dB @ F0±20MHz (DC ~ 2022MHz , 2062 ~ 5000MHz) |
| ● Impedance                | 50 Ohms  |
| ● Power                    | 10W Max.   |
| ● Connectors               | SMA-Female                                       |
| ● Surface Finish           | Painted Black                                    |
| ● Temperature Range        | -30°C ~ +70°C                                    |
| ● Net weight               | TBD  |

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: ±0.5mm)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 100\*68\*33mm

