

- **Product Name:** High Pass Filter
- **Model:** HXLBQ-GTA48
- **Frequency:** 1.5~8.0GHz

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

| Technical Data Sheet       |                                                                                                  |  |
|----------------------------|--------------------------------------------------------------------------------------------------|--|
| Item                       | Parameters                                                                                       |  |
| ● Cut Off Frequency        | 1.5GHz                                                                                           |  |
| ● Pass Band Frequency      | 1.5 ~ 8.0GHz                                                                                     |  |
| ● Pass Band Insertion Loss | $\leq 2.0\text{dB @ } 1.5 \sim 1.65\text{GHz}$<br>$\leq 1.0\text{dB @ } 1.65 \sim 8.0\text{GHz}$ |  |
| ● Pass Band VSWR           | $\leq 1.5:1$                                                                                     |  |
| ● Stop Band Attenuation    | $\geq 60\text{dB @ DC} \sim 1.28\text{GHz}$                                                      |  |
| ● Impedance                | 50 Ohms                                                                                          |  |
| ● Power Handling           | 15W Max.                                                                                         |  |
| ● Connectors               | SMA-Female                                                                                       |  |
| ● Surface Finish           | Guide Oxygen or Painted Black                                                                    |  |
| ● Temperature Range        | $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$                                                   |  |
| ● Material                 | Housing: 6061 Aluminum alloy      screw: Stainless Steel<br>Connectors: Stainless Steel          |  |
| ● Dimensions               | 76*34*10mm                                                                                       |  |
| ● Net weight               | 0.07 KG                                                                                          |  |

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance:  $\pm 0.3\text{mm}$ )

