

- **Model:** HXLBQ-DTA03
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 11.87~12.29GHz

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

| Technical Data Sheet                                                          |                                     |
|-------------------------------------------------------------------------------|-------------------------------------|
| Item                                                                          | Parameters                          |
| • Center Frequency (F0)                                                       | 12.08GHz                            |
| • 3dB Bandwidth                                                               | 420MHz (11.87~12.29GHz)             |
| • Insertion Loss at 320MHz BW                                                 | ≤1.0dB @ 11.92~12.24GHz             |
| • VSWR at 320MHz BW                                                           | ≤1.3:1 @ 11.92~12.24GHz             |
| • Group Delay Variation at 320MHz BW                                          | ≤4.0ns @ 11.92~12.24GHz             |
| • Stop Band Attenuation                                                       | ≥50dB @ 11.4GHz<br>≥70dB @ 11.02GHz |
| • Impedance                                                                   | 50 ohms                             |
| • Power Handling                                                              | ≤10W                                |
| • Connectors                                                                  | SMA-Female                          |
| • Surface Finish                                                              | Black Paint                         |
| • Net Weight                                                                  | TBD                                 |
| • Configuration                                                               | As Below (Size Unit: mm)            |
| ● <b>Outline Drawing:</b> (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                                     |

