

- **Model:** HXLBQ-DTA05
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 912~920MHz

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

| Technical Data Sheet                                                                       |                                                                                             |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Item                                                                                       | Parameters                                                                                  |
| • Center Frequency (F0)                                                                    | 916MHz                                                                                      |
| • Pass Band Frequency                                                                      | 912~920MHz                                                                                  |
| • Pass Band Insertion Loss                                                                 | $\leq 1.0\text{dB}$                                                                         |
| • Pass Band VSWR                                                                           | $\leq 1.3:1$                                                                                |
| • Stop Band Rejection                                                                      | $\geq 40\text{dB @ DC} \sim 880\text{MHz}$<br>$\geq 40\text{dB @ } 940 \sim 2000\text{MHz}$ |
| • Impedance                                                                                | 50 ohms                                                                                     |
| • Power Handling                                                                           | $\leq 20\text{W}$                                                                           |
| • 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: $\pm 0.5\text{mm}$ ) |                                                                                             |

