

- **Model:** HXLBQ-DTA130
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 900~930MHz

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

| Technical Data Sheet                                                                       |                                                                      |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Item                                                                                       | Parameters                                                           |
| • Center Frequency (F0)                                                                    | 915MHz                                                               |
| • Pass Band Frequency                                                                      | 900~930MHz                                                           |
| • Pass Band Insertion Loss                                                                 | $\leq 0.6\text{dB}$                                                  |
| • Pass Band Ripple                                                                         | $\leq 0.3\text{dB}$                                                  |
| • Pass Band VSWR                                                                           | $\leq 1.3:1$                                                         |
| • Stop Band Rejection                                                                      | $\geq 40\text{dB @ } F0 \pm 60\text{MHz}$<br>(DC~855MHz、975~2000MHz) |
| • Impedance                                                                                | 50 ohms                                                              |
| • Power Handling                                                                           | 30W                                                                  |
| • Connectors                                                                               | SMA-Female                                                           |
| • Surface Finish                                                                           | Black Paint                                                          |
| • Temperature Range                                                                        | -30°C ~ +70°C                                                        |
| • Net Weight                                                                               | TBD                                                                  |
| • Configuration                                                                            | As Below (Size Unit: mm)                                             |
| ● <b>Outline Drawing:</b> (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$ ) |                                                                      |

