

- **Model:** HXLBQ-DTA271
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 890~915MHz

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

Technical Data Sheet

| Item | Parameters |
|----------------------------|--|
| ● Center Frequency(F0) | 902.5MHz |
| ● Pass Band Frequency | 890~ 915MHz |
| ● Pass Band Insertion Loss | ≤2.0dB |
| ● Pass Band VSWR | ≤1.3:1 |
| ● Stop Band Rejection | ≥15dB @ (885MHz , 920MHz) ≥35dB @ (DC ~ 880MHz , 925~ 2000MHz) |
| ● Impedance | 50 Ohms |
| ● Power Handling | 20W Max. |
| ● Connectors | N-Male / N-Female |
| ● Surface Finish | Painted Black |
| ● Temperature Range | -10°C ~ +50°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: 95*65*48mm

