

- **Model:** HXLBQ-DTA925
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 7900~8150MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

| Technical Data Sheet | |
|----------------------------|---|
| Item | Parameters |
| ● Center Frequency(F0) | 8025MHz |
| ● Pass Band Frequency | 7900 ~ 8150MHz |
| ● Pass Band Insertion Loss | ≤1.5dB |
| ● Pass Band Ripple | ≤0.35dB |
| ● Pass Band Return Loss | ≥23dB |
| ● Stop Band Rejection | ≥80dB @ DC ~ 7560MHz ≥50dB @ 8350 ~ 8480MHz ≥50dB @ 7560 ~ 7700MHz ≥80dB @ 8480 ~ 26000MHz |
| ● Impedance | 50 Ohms |
| ● Power Handling | 10W Max. |
| ● Connectors | SMA-Female |
| ● Surface Finish | Painted Black |
| ● Temperature Range | -30°C ~ +70°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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 70*16*12mm

