

- **Model: HXLBQ-DTA870**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1560~1610MHz**

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

Technical Data Sheet

| Item | Parameters | |
|----------------------------|----------------------|------------------------|
| ● Center Frequency(F0) | 1585MHz | |
| ● Pass Band Frequency | 1560 ~ 1610MHz | |
| ● Pass Band Insertion Loss | ≤1.0dB | |
| ● Pass Band Ripple | ≤0.4dB | |
| ● Pass Band Return Loss | ≥23dB | |
| ● Stop Band Rejection | ≥50dB @ DC ~ 1460MHz | ≥50dB @ 1710 ~ 3500MHz |
| ● Impedance | 50 Ohms | |
| ● Power Handling | 50W 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: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 75*40*30mm

