

- **Model:** HXLBQ-DTA161
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8550~8650MHz

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

Technical Data Sheet

| Item | Parameters |
|----------------------------|---|
| ● Center Frequency(F0) | 8600MHz |
| ● Pass Band Frequency | 8550 ~ 8650MHz |
| ● Pass Band Insertion Loss | ≤2.5dB |
| ● Pass Band VSWR | ≤1.3:1 |
| ● Stop Band Attenuation | ≥70dB @ DC ~ 8450MHz ≥70dB @ 8750 ~ 12000MHz |
| ● Impedance | 50 Ohms |
| ● Power Handling | 10W Max. |
| ● Connectors | SMA-Female |
| ● Surface Finish | Painted Black |
| ● 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: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 73*39*13mm

