

- **Model:** HXLBQ-DTA423
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 437~488MHz

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

| Technical Data Sheet | |
|----------------------------|--|
| Item | Parameters |
| ● Center Frequency(F0) | 462.5MHz |
| ● Pass Band Frequency | 437 ~ 488MHz |
| ● Pass Band Insertion Loss | ≤0.6dB |
| ● Pass Band Ripple | ≤0.2dB |
| ● Pass Band Return Loss | ≥20dB |
| ● Stop Band Rejection | ≥60dB @ DC ~ 275MHz ≥60dB @ 650 ~ 1500MHz |
| ● Impedance | 50 Ohms |
| ● Power Handling | 50W Max. |
| ● Connectors | N-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)

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 133*87*40mm |

