

- **Model:** HXLBQ-DTA23
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2400~2500MHz

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

Technical Data Sheet

| Item | Parameters |
|----------------------------|---|
| ● Center Frequency (F0) | 2450MHz |
| ● Pass Band Frequency | 2400~2500MHz |
| ● Pass Band Insertion Loss | ≤1.0dB |
| ● Pass Band VSWR | ≤1.3:1 |
| ● Stop Band Rejection | ≥20dB @ 2370MHz ≥40dB @ DC~2320MHz ≥30dB @ 2555~5000MHz |
| ● Impedance | 50 ohms |
| ● Power Handling | ≤20W |
| ● Connectors | SMA-Female |
| ● Surface Finish | Black Paint |
| ● Temperature Range | -30°C~+70°C |
| ● Net Weight | TBD |
| ● Configuration | As Below (Size Unit: mm) |

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: ±0.3mm)

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|-------------------|------------------------------|--------------------------------|
| ● Material | ● Housing: Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Dimensions: 70*16*12mm |
| | ● Tuning screw: Copper alloy | |

