- **Model：HXLBQ-DTA834X**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：9000~10000MHz**

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

## Technical Data Sheet

| Item | Parameters |
|---|---|
| ● Center Frequency(F0) | 9500MHz |
| ● 3.0dB Bandwidth | 1000MHz (9000 ~ 10000MHz)<br>[Deviation: ±50MHz @ Temperature Range: +20℃ ~ +30℃] |
| ● Insertion Loss @ F0 | ≤1.0dB @ 9500MHz |
| ● Return Loss | ≥23dB @ 700MHz Bandwidth (9150 ~ 9850MHz) |
| ● Stop Band Rejection | ≥80dB @ DC ~ 8000MHz ≥40dB @ 10400 ~ 11000MHz<br>≥40dB @ 8000 ~ 8600MHz ≥80dB @ 11000 ~ 22000MHz |
| ● Impedance | 50 Ohms |
| ● Power Handling | 10W Max. |
| ● Connectors | SMA-Female |
| ● Surface Finish | Painted Black |
| ● Temperature Range | -30℃ ~ +70℃ |
| ● Net weight | 0.07 KG |

**●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

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