

- **Model:** HXLBQ-DTA1209
- **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 | |
| ● Pass Band Bandwidth | ±500MHz (9000 ~ 10000MHz) | |
| ● Pass Band Insertion Loss | ≤1.7dB | |
| ● Pass Band Ripple | ≤1.0dB | |
| ● Pass Band Return Loss | ≥20dB | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 8750MHz ≥50dB @ 8750 ~ 8850MHz | ≥50dB @ 10150 ~ 10250MHz ≥80dB @ 10250 ~ 23000MHz |
| ● Impedance | 50 Ohms | |
| ● Power Handling | 10W Max. | |
| ● Connectors | SMA-Female | |
| ● Surface Finish | Painted Black | |
| ● Temperature Range | -30°C ~ +70°C | |
| ● Dimensions | 120*16*9.5mm | |
| ● Net weight | 0.12 KG | |

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)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

