

- **Model:** HXLBQ-DTA508
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3995~4005MHz

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

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	4000MHz
● Pass Band Frequency	3995 ~ 4005MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥50dB @ DC ~ 3945MHz      ≥50dB @ 4055 ~ 12000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Net weight	0.195 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: ±0.5mm)

- **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 120\*23\*17mm

