

- **Model:** HXLBQ-DTA255
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1995~2005MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2000MHz
● Pass Band Frequency	1995 ~ 2005MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥60dB @ DC ~ 1950MHz ≥60dB @ 2050 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 123*38*25mm |

