

- **Model: HXLBQ-DTA723**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2096~2103MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2099.5MHz
● Pass Band Frequency	2096 ~ 2103MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥40dB @ DC ~ 2081MHz ≥40dB @ 2118 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	20W 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)

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*68*29mm |

