

- **Model: HXLBQ-DTA1223**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1880~1900MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1890MHz
● Pass Band Frequency	1880 ~ 1900MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥45dB @ DC ~ 1865MHz ≥45dB @ 1915~ 6000MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	120*62*26mm
● 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: ±0.3mm)

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|-------------------|----------------------------------|--|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Resonant column: H59 Copper alloy |
| | ● Cover: LY12 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Tuning screw: H62 Copper alloy | ● Other screw: Stainless Steel |

