

- **Model: HXLBQ-DTA1205**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1915~1930MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1922.5MHz
● Pass Band Frequency	1915 ~ 1930MHz
● Pass Band Insertion Loss	≤3.0dB
● Pass Band Ripple	≤2.0dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1908MHz ≥40dB @ 1937 ~ 4500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +35°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: ±0.5mm)

◆ **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

