

- **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 |

