

- **Model: HXLBQ-DTA903**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2100~2108MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2104MHz	
● Pass Band Frequency	2100 ~ 2108MHz **	
● Pass Band Insertion Loss	≤ 2.0 dB	
● Pass Band Ripple	≤ 0.6 dB	
● Pass Band Return Loss	≥ 20 dB	
● Stop Band Rejection	≥ 60 dB @ DC ~ 2085MHz	≥ 60 dB @ 2123 ~ 6000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	$+10^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	120*62*26mm	
● Net weight	0.294 KG	

** 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: ± 0.5 mm)

