

- **Model:** HXLBQ-DTA708
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 7.1~7.3GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	7.2GHz
● Pass Band Bandwidth	±100MHz (7.1 ~ 7.3GHz)
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.25dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥50dB @ F0±300MHz (DC ~ 6.9GHz , 7.5 ~ 22GHz)
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.07 KG

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)

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|-------------------|----------------------------------|-------------------------------|
| ● <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 70*16*13mm      |

