

- **Model:** HXLBQ-DTA190
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6.8~7.2GHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	7.0GHz
● Pass Band Bandwidth	±200MHz (6.8 ~ 7.2GHz)
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Flatness	≤0.8dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥60dB @ DC ~ 6.7GHz      ≥60dB @ 7.3 ~ 12GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● 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: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 174\*53\*18mm

