

- **Model: HXLBQ-DTA230**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 6450~7350MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	6900MHz
● Pass Band Frequency	6450 ~ 7350MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥30dB @ DC ~ 6300MHz ≥30dB @ 7500 ~ 20000MHz
● 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: 90*16*13mm

