

- **Model: HXLBQ-DTA709**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 7189~7249MHz**

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	7219MHz	
● Pass Band Frequency	7189 ~ 7249MHz	
● Pass Band Insertion Loss	≤0.95dB	
● Pass Band Ripple	≤0.08dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6809MHz ≥50dB @ 6809 ~ 6989MHz	≥50dB @ 7449 ~ 7629MHz ≥80dB @ 7629 ~ 17000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W 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: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 80\*18\*13mm

