

- **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 @ 7449 ~ 7629MHz
	≥50dB @ 6809 ~ 6989MHz	≥80dB @ 7629 ~ 17000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	80*18*10mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

