

- **Model:** HXLBQ-DTA469X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3800~4200MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	4000MHz	
● Pass Band Frequency	3800 ~ 4200MHz	
● Pass Band Insertion Loss	≤1.8dB	
● Pass Band Ripple	≤0.9dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥70dB @ DC ~ 3600MHz	≥70dB @ 4400 ~ 8200MHz
● Impedance	50 Ohms	
● Power	100W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	150*23*20mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

