

- **Model: HXLBQ-DTA929**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3800~4000MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3900MHz	
● Pass Band Frequency	3800 ~ 4000MHz **	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 3550MHz	≥40dB @ 4150 ~ 4210MHz
	≥70dB @ 3550 ~ 3590MHz	≥70dB @ 4210 ~ 4250MHz
	≥40dB @ 3590 ~ 3650MHz	≥80dB @ 4250 ~ 10000MHz
● Impedance	50 Ohms	
● Power	10W 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	130*19*16mm	
● Net weight	0.215 KG	

** 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: ±0.3mm)

