

- **Model:** HXLBQ-DTA1091
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8028.5 ~ 8048.5MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	8038.5MHz	
● Pass Band Frequency	8028.5 ~ 8048.5MHz **	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.05dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6178MHz	≥50dB @ 8798 ~ 9898MHz
	≥50dB @ 6178 ~ 7278MHz	≥80dB @ 9898 ~ 27000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Male / 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	40*16*8mm	
● Net weight	TBD	

** 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)

