

- **Model:** HXLBQ-DTA1034
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8013.5 ~ 8063.5MHz

- ★ 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 Bandwidth	50MHz (8013.5 ~ 8063.5MHz) **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.08dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 7628.5MHz	≥50dB @ 8268.5 ~ 8448.5MHz
	≥50dB @ 7628.5 ~ 7808.5MHz	≥80dB @ 8448.5 ~ 24000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● 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	0.086 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)

