

- **Model:** HXLBQ-DTA1051
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 617~652MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	634.5MHz	
● Pass Band Frequency	617 ~ 652MHz **	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 587MHz	≥80dB @ 682 ~ 1500MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°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	148*76*41mm	
● Net weight	0.555 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: ±0.4mm)

