



- **Model:** HXLBQ-DTA634
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1696.5 ~ 1697.5MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1697MHz
● Pass Band Frequency	1696.5 ~ 1697.5MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥50dB @ DC ~ 1676.7MHz ≥50dB @ 1717.3 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Net weight	TBD

Note: 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: ±0.5mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 73*73*38mm

