

- **Model:** HXLBQ-DTA697
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2300~2400MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2350MHz
● Pass Band Frequency	2300 ~ 2400MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.6dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥90dB @ DC ~ 2200MHz ≥90dB @ 2500 ~ 4500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	188*28*25mm
● 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: ±0.3mm)

- | | | |
|-------------------|----------------------------------|-------------------------------------|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Resonant column: H59 Copper alloy |

