

- **Model:** HXLBQ-DTA472
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2700 ~ 3300MHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3000MHz	
● Pass Band Frequency	2700 ~ 3300MHz	
● Pass Band Insertion Loss	≤1.8dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥60dB @ DC ~ 2600MHz	≥60dB @ 3400 ~ 7000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-40°C ~ +85°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)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 170*19*24mm      |

