

- **Model:** HXLBQ-DTA867
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2950~3050MHz

- ★ 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	2950 ~ 3050MHz
● Pass Band Insertion Loss	≤1.2dB
● Pass Band Ripple	≤0.32dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 2750MHz ≥50dB @ 2750 ~ 2850MHz
	≥50dB @ 3150 ~ 3250MHz ≥80dB @ 3250 ~ 10000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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 | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*20*21mm |

