

- **Model:** HXLBQ-DTA1232
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3630~3670MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	3650MHz	
● Pass Band Frequency	3630 ~ 3670MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 3300MHz	≥40dB @ 3700 ~ 4000MHz
	≥40dB @ 3300 ~ 3600MHz	≥80dB @ 4000 ~ 6000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	100*52*21mm	
● 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)

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|-------------------|------------------------------|---------------------------------|
| ◆ <b>Material</b> | ● Housing: Aluminum alloy    | ● Connectors: Stainless Steel   |
|                   | ● Cover: Aluminum alloy      | ● Other screw: Stainless Steel  |
|                   | ● Tuning screw: Copper alloy | ● Resonant column: Copper alloy |

