

- **Model:** HXLBQ-DTA1236
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5150~5350MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	5250MHz	
● Pass Band Frequency	5150 ~ 5350MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 4880MHz	≥60dB @ 5520 ~ 5620MHz
	≥60dB @ 4880 ~ 4980MHz	≥80dB @ 5620 ~ 10000MHz
● Impedance	50 Ohms	
● Power Handling	30W 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: ±0.4mm)

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|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy     | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 74*40*18mm      |

