

- **Model:** HXLBQ-DTA1337
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6784~6884MHz

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

Technical Data Sheet					
Item	Parameters				
● Center Frequency(F0)	6834MHz				
● Pass Band Frequency	6784 ~ 6884MHz				
● Pass Band Insertion Loss	≤1.2dB				
● Pass Band Ripple	≤0.4dB				
● Pass Band Return Loss	≥23dB				
● Stop Band Rejection	<table border="0"> <tr> <td>≥80dB @ DC ~ 6494MHz</td> <td>≥50dB @ 7044 ~ 7174MHz</td> </tr> <tr> <td>≥50dB @ 6494~ 6624MHz</td> <td>≥80dB @ 7174 ~ 16000MHz</td> </tr> </table>	≥80dB @ DC ~ 6494MHz	≥50dB @ 7044 ~ 7174MHz	≥50dB @ 6494~ 6624MHz	≥80dB @ 7174 ~ 16000MHz
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≥50dB @ 6494~ 6624MHz	≥80dB @ 7174 ~ 16000MHz				
● Impedance	50 Ohms				
● Power Handling	10W Max.				
● Connectors	SMA-Female				
● Surface Finish	Painted Black				
● Temperature Range	-20°C ~ +60°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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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*18*13mm |

