



- **Model:** HXLBQ-DTA298
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1427~1448MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1437.5MHz	
● Pass Band Frequency	1427 ~ 1448MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥50dB @ DC ~ 1412MHz	≥50dB @ 1463 ~ 3000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	N-Male / N-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)

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| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*62*38mm |

