

- **Model:** HXLBQ-DTA1222
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1450~1490MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1470MHz	
● Pass Band Frequency	1450 ~ 1490MHz	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.25dB	
● Pass Band Return Loss	≥22dB	
● Stop Band Rejection	≥40dB @ DC ~ 1380MHz	≥40dB @ 1560 ~ 4000MHz
● Impedance	50 Ohms	
● Power Handling	40W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	75*48*25mm	
● 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: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Resonant column: H59 Copper alloy |

