

- **Model:** HXLBQ-DTA314
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 13.99~14.51GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	14.25GHz	
● Pass Band Frequency	13.99 ~ 14.51GHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥50dB @ DC ~ 13GHz	≥50dB @ 15.5 ~ 25GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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	60*16*11mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

